

20000721.qrp v01_n889.qrl.20000721

Date: Fri, 21 Jul 2000 19:03:11 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1889

QRP-L Digest 1889

Topics covered in this issue include:

- 1) [75475] Re: This has got to be the worst solar cycle!
by DYARNES@aol.com
- 2) [75476] Trade Ten-Tec PM3A 40/20M Transceiver
by "K. Edwards" <n3eeg@hotmail.com>
- 3) [75477] Re: PICS
by "laura halliday" <marsgal42@hotmail.com>
- 4) [75478] SEPT SPRINT: Wire Madness!
by ARDUJENSKI@aol.com
- 5) [75479] Summer Fox Hunt #3 - N5TW -
by Bruce Rattray <rattray@gpfn.sk.ca>
- 6) [75480] Thursday Fox hunt
by Fred J Kalt <w2xn@juno.com>
- 7) [75481] Re: Wattmeters
by "Harry Hurst" <hhurst@delanet.com>
- 8) [75482] FOX
by n5ib@juno.com
- 9) [75483] Re: Ten Tec 1202 Power Meter, I was the original mod author
by Richard Arland <k7sz@epix.net>
- 10) [75484] Re: FOX
by "George , W5YR" <w5yr@att.net>
- 11) [75485] Re: FOX
by BenNW7DX@aol.com
- 12) [75486] Another Fox Falls...
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
- 13) [75487] Re: FOX
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 14) [75488] Re: FOX
by John Wagner <john@neknetwork.com>
- 15) [75489] Re: Summer Fox AE2T Today 7/20 2000UTC
by "Richard McGaver" <mcgaver@execpc.com>
- 16) [75490] FOX:
by Pete Burbank <plburbank@kih.net>
- 17) [75491] FOX: Swamp Rats Sweep Hunt 5
by tom palmer <n1tp@worldnet.att.net>
- 18) [75492] Re: FOX -- the propagation gods were listening!!
by BenNW7DX@aol.com
- 19) [75493] Re: FOX:

- by Macstein@aol.com
- 20) [75494] OT; TEN TEC question
by paule@sfu.ca
- 21) [75495] NJQRP press coverage
by "Joe Everhart" <n2cx@voicenet.com>
- 22) [75496] FB40 Oscilliator Can
by Ken Kirkley <ogbc@mindspring.com>
- 23) [75497] FOX
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 24) [75498] Painting aluminum
by david sarraf <david.sarraf@paonline.com>
- 25) [75499] Re: SMK1 kit
by NB6M@aol.com
- 26) [75500] Re: Problem with SW40+
by NB6M@aol.com
- 27) [75501] Re: FOX
by W1R0@aol.com
- 28) [75502] Summer Fox Hunt #1 - K0EVZ - corrected -
by Bruce Ratray <rattray@gpfn.sk.ca>
- 29) [75503] Re: FOX:
by Pete Burbank <plburbank@kih.net>
- 30) [75504] Summer Fox Hunt #2 - AE2T - corrected -
by Bruce Ratray <rattray@gpfn.sk.ca>
- 31) [75505] Summer Fox Hunt #3 - N5TW - corrected -
by Bruce Ratray <rattray@gpfn.sk.ca>
- 32) [75506] Re: FOX:
by Bruce Ratray <rattray@gpfn.sk.ca>
- 33) [75507] Macintosh users
by John Rollins <rexstout@uswest.net>
- 34) [75508] Fox meat!!!
by Brian <brian@iquest.net>
- 35) [75509] FOX
by "Rod, N0RC" <n0rc@qsl.net>
- 36) [75510] Re: Backpacker Rig Question
by Phil Wheeler <w7ox@earthlink.net>
- 37) [75511] FOX: Log for AE2T 7/21
by "Al Gritzmacher AE2T" <ae2t@adelphia.net>
- 38) [75512] AE2T got 75 pelts tonight
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 39) [75513] Re: QST Article Reprints & ARCI "QRP Quarterly"
by George Gingell <k3tks@u1.abs.net>
- 40) [75514] portable antenna
by ARDUJENSKI@aol.com
- 41) [75515] Where did NJQRP go?
by Russ Dow <n7dw@garlic.com>
- 42) [75516] CARA Appalachian Trail event
by KD1YV <kd1yv@mindspring.com>
- 43) [75517] fox: less...

by John Wagner <john@neknetwork.com>
44) [75518] Bisquare vs Delta Loop?
by paule@sfu.ca
45) [75519] F00's on 30m!!
by Adrian Weiss <aweiss@usd.edu>
46) [75520] Re: Where did NJQRP go?
by DYARNES@aol.com
47) [75521] Re: This has got to be the worst solar cycle!
by "Paul Harden, NA5N" <na5n@rt66.com>
48) [75522] Re: This has got to be the worst solar cycle!
by paule@sfu.ca
49) [75523] Re: OT: TEN TEC question
by "Winston F. Jones" <winjones@ix.netcom.com>
50) [75524] Re: Ten Tec 1202 Power Meter, I was the original mod author
by tailfeathers@juno.com
51) [75525] OT: QST Index
by "Tom Bowman" <tbowman@nbn.net>
52) [75526] Re: This has got to be the worst solar cycle!
by Dave Sjolin <sjolin@swbell.net>
53) [75527] Re: Wattmeters
by tailfeathers@juno.com
54) [75528] Re: F00's on 30m!!
by Curt Milton <wb8yyy@yahoo.com>
55) [75529] Solar Cycle
by "Edward A Kwik jr" <eakwikjr@hti.com>
56) [75530] Re: Bisquare vs Delta Loop?
by Bob Hightower <nk7m@extremezone.com>
57) [75531] QST Index and rotten databases
by "AI2Q Alex" <ai2q@ispchannel.com>
58) [75532] FOX: Never Even Heard Him
by "Franco, Nicholas J" <franco@bnl.gov>
59) [75533] RE: QST Index
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
60) [75534] Wattmeter - Feeling Better
by "Franco, Nicholas J" <franco@bnl.gov>
61) [75535] Re: OT: QST Index
by Bruce Muscolino <w6toy@erols.com>
62) [75536] Re: Bisquare vs Delta Loop?
by "Pastor-KC1DI" <elbc@pivot.net>
63) [75537] Re: Want to go "Retro"
by Gary Phillips KA9NZI <ka9nzi@arrl.net>
64) [75538] Re: OT: QST Index
by "Pat Cain, K0PC" <pcain@netscape.net>
65) [75539] Re: OT: QST Index
by Gary Phillips KA9NZI <ka9nzi@arrl.net>
66) [75540] Re: Bisquare vs Delta Loop?
by Paul Erickson <paule@sfu.ca>
67) [75541] Re: Wattmeters - MFJ

by Curt Milton <wb8yyy@yahoo.com>
68) [75542] RE: QST Index
by "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
69) [75543] Re: Ten Tec 1202 Power Meter
by Curt Milton <wb8yyy@yahoo.com>
70) [75544] Noise Generator
by Bob Hightower <nk7m@extremezone.com>
71) [75545] bisquare /delta loops
by Drbob92031@aol.com
72) [75546] Re: Bisquare vs Delta Loop?
by "George , W5YR" <w5yr@att.net>
73) [75547] CONTESTING: QRP Contesting - This Weekend
by Ken Newman <N2CQ@citnet.com>
74) [75548] Re: Problem with SW40+
by Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>
75) [75549] Re: Bisquare vs Delta Loop?
by "George , W5YR" <w5yr@att.net>
76) [75550] Re: Noise Generator: You may already own one!
by Jim/Julia <w7ls@blarg.net>
77) [75551] Fox QRM
by Pete Burbank <plburbank@kih.net>
78) [75552] Weird propagation
by Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
79) [75553] Re: Where did NJQRP go?
by "Richard Brummer, K2JQ" <k2jq@bestweb.net>
80) [75554] FB40 on 7.040
by "Steven Weber" <kd1jv@moose.ncia.net>
81) [75555] RAMBLINGS: Novic Frequencies
by ARDUJENSKI@aol.com
82) [75556] Re: This has got to be the worst solar cycle!
by "Lau, Zack, W1VT" <zlau@arrl.org>
83) [75557] Latin for Less Power More Fun
by ECatlinN5mzxqrp@aol.com
84) [75558] Re: RAMBLINGS: Novice Frequencies
by Mike <mmorrow@companet.net>
85) [75559] Re: RAMBLINGS: Novice Frequencies
by ARDUJENSKI@aol.com
86) [75560] RE: Weird propagation
by "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
87) [75561] Re: RAMBLINGS: Novic Frequencies
by Gary Phillips <ka9nzi@arrl.net>
88) [75562] Wattmeter thoughts
by Pete Burbank <plburbank@kih.net>
89) [75563] RE: RAMBLINGS: Novic Frequencies
by Andreas Junge <andreas@OpenGrid.Com>
90) [75564] Re: Weird propagation
by Curt Milton <wb8yyy@yahoo.com>
91) [75565] RE: Hot Dawgggg!! Wheehaaaaah! #100!!!

by Adrian Weiss <aweiss@usd.edu>
92) [75566] Re: OT: QST Index
by K1DXradio@aol.com
93) [75567] Re: RAMBLINGS: Novice Frequencies
by Curt Milton <wb8yyy@yahoo.com>
94) [75568] WTB: 2m HT
by "Niel Skousen" <nskousen@scientech.com>
95) [75569] NorCal's July Meeting Report
by Jerry Parker <jparker@fix.net>
96) [75570] RE: RAMBLINGS: Novice Frequencies
by "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>
97) [75571] F00MOT with 35mW
by Jim Hale <kj5tf@yahoo.com>
98) [75572] Ft. Tuthill
by Jerry Parker <jparker@fix.net>
99) [75573] Re: This has got to be the worst solar cycle!
by Jeff <fantbb@yahoo.com>
100) [75574] Re: OT: QST Index
by Bruce Muscolino <w6toy@erols.com>
101) [75575] Re: Problem with SW40+
by "Dave Benson" <nn1g@earthlink.net>
102) [75576] qso
by ac5ez@webtv.net (K1zw)
103) [75577] FOX: W8RU Summer Fox on 23 July, 2000utc
by Ron Majewski <majewski@erim-int.com>
104) [75578] Re: Bisquare vs Delta Loop?
by "Bob Tellefsen" <n6wg@earthlink.net>
105) [75579] Re: Bisquare vs Delta Loop?
by "Bob Tellefsen" <n6wg@earthlink.net>
106) [75580] Re: RAMBLINGS: Novic Frequencies
by Rick Sealey <rsealey@InfoAve.Net>
107) [75581] RE: Hot Dawgggg!! Wheehaaaah! #100!!!
by "Bob Tellefsen" <n6wg@earthlink.net>
108) [75582] Using Spectrogram
by Larry S Cahoon <wd3p@juno.com>
109) [75583] Autek RF-1 for sale
by Jeff <fantbb@yahoo.com>
110) [75584] RE: QST Index
by "Tom Bowman" <tbowman@nbn.net>
111) [75585] Amateur Astronomy (Wa-a-a-a-y OT sort of)..
by "Phinizy, William" <wphinizy@filenet.com>
112) [75586] Re: Fox QRM
by Pete Burbank <plburbank@kih.net>
113) [75587] Re: [Elecraft] Re: Noise Generator
by Bob Hightower <nk7m@extremezone.com>
114) [75588] plcc 28 pin socket pin info - where?
by "Larry Wise" <lewise@txwises.com>
115) [75589] Re: Autek RF-1 for sale SOLD!

by Jeff <fantbb@yahoo.com>
116) [75590] Re: Wattmeter thoughts
by Arjen Raateland <Arjen.Raateland@vyh.fi>
117) [75591] Elecraft K1 Internal Pictures
by Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
118) [75592] For sale Poquet PC Plus
by Mercxx@aol.com

Date: Thu, 20 Jul 2000 19:00:07 EDT
From: DYARNES@aol.com
To: pwomble1@tampabay.rr.com, qrp-1@lehigh.edu
Subject: [75475] Re: This has got to be the worst solar cycle!
Message-ID: <a3.8e184fd.26a8de77@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 7/20/00 10:25:08 AM US Mountain Standard Time,
pwomble1@tampabay.rr.com writes:

<< From Central Florida last night 20m was in great shape. >>

I'm not trying to minimize your efforts, but I've always found working Europe, and even Africa sometimes, like shooting ducks on a pond from anywhere on the east coast. It's a bunch different from the west, particularly from New Mexico or here in Arizona. I certainly do agree that this cycle has been a disappointment so far. Some days have been very good, but I remember cycles when we were swimming (happily) in ZL's and VK's. I worked VK4YP almost every night for a couple of years back in the 70's with my old Argonaut (aided some nights with a small 50 watt amp, but never more--and with only a vertical), but much of the time with just the little TenTec puffing away. Not so this time. It's not over though, so don't bring out the amplifiers yet folks!

Ade's doing pretty good though, so maybe I just don't have the propagation this time??

72 de Dave W7AQK

Date: Thu, 20 Jul 2000 23:37:15 GMT
From: "K. Edwards" <n3eeg@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [75476] Trade Ten-Tec PM3A 40/20M Transceiver
Message-ID: <20000720233715.62926.qmail@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

I have a TenTec PM3A 40M(7.0-7.3MHz) and 20M(14.0-14.6MHz) CW transceiver that I'd like to swap for a "backpackable" 40M QRP rig. For those not familiar with the Power Mite series, I recommend going to N4NQY's excellent "Unofficial Ten Tec Web Page", at <http://www.qsl.net/tentec/> - look under "Transceivers".

This particular unit puts out 4W on 20M and a tad over 4W on 40M, and has a basic DC receiver. This radio been modified with an internal speaker on the top (not wired, but there), and the headphone tip jacks have been replaced with a 1/8" jack. It has the instruction sheet which includes alignment procedures. Ten-Tec DOES still work on these radios. Cosmetics are pretty doggone good.

I have jpgs available for the asking.

Please direct any questions/offers to me off the list.

--Ken

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Date: Thu, 20 Jul 2000 16:44:08 PDT

From: "laura halliday" <marsgal42@hotmail.com>

To: qrp-l@lehigh.edu

Subject: [75477] Re: PICS

Message-ID: <20000720234408.26938.qmail@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

Brad wrote:

>I am just getting started with PICs (still waiting for the parts to arrive)
>and ordered a 16F872 along with the 'F84s. The 16F8xx series look pretty
>cool, what with all the AD converters and all. Is there a good programmer
>available to the homebrewer for said chip? There seem to be a lot of
>different programmers (software portion) out there.

Folks like Microchip will sell you all the programmers you want. As for home-made ones, no, because they're new. If you check the programming document (available from Microchip's web site) you'll see that the programming algorithm is identical to the 16F84. It would be very easy to make a programmer that supported both - why not try it?

There are many programmers because people have tried different approaches to the problem. Microchip started the ball rolling with their own (in)famous Application Note 589, which described a very simple 16C84 programmer. Others have built on the AN589 design, adding hardware or software to add features, making it simpler, making it more robust, and adding support for other processors, not just 16[CF]84.

Digital folks use PICs for APRS beacons and things (look at <http://www.tapr.org/tapr/html/Fpice.html>). You can make a PIC receive too - I've toyed with building a tiny KISS TNC in a 16F877...

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..."
 - Hospital/Shafte

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Date: Thu, 20 Jul 2000 19:46:31 EDT
From: ARDUJENSKI@aol.com
To: qrp-1@lehigh.edu, nwq-1@scn.org
Subject: [75478] SEPT SPRINT: Wire Madness!
Message-ID: <ce.85c2e99.26a8e957@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I want to run the ANTENNA sprint similar to the one done a few years back (NERDS).

PURPOSE: To encourage and promote the use of wire antennas at moderate heights. It will demand some creativity and ingenuity and this should somewhat level the playing field. I hope this encourages field erection of antennas and trying some QRPP, and working both bands. You will see that both the QRPP and the station working the QRPP can get bonus points. You should have plenty of time to try some new ideas or use what is already in your arsenal.

The time was chosen based upon projections and past records for best propagation for all areas so hopefully lots of contacts

GUIDELINES---QRP CW 40/20m sprint--WIRE MADDNESS

- (1) Total wire length 200 ft including feed (remember twin feed uses twice the wire so 40 ft of twin feed or coax is 80 feet leaving 120 for antenna(s)) radials come off the 200 ft also as does ground wire, etc
- (2) You can use multiple antennas but the sum total of wire must be 200 ft or less
- (3) Max height of any part of the antenna is 40 ft above the ground
- (4) Bonus points will be awarded if no tuner is used and making contacts on both bands
- (5) It will be 4 hours: 2200-0200Z 23-24Sept 2000
- (6) TWO PRIZES: One prize for TOP DOG (max points) and a second prize will be awarded based upon a random drawing from the folks submitting logs (so you don't need a lot of contacts to win) Prizes to be announced later
- (7) You can use masts etc as long as they are not part of the radiating portion of the antenna
- 8) You do not have to erect the antenna before the sprint but bonus point if you do.

POINTS:

1 point per contact

BONUS POINTS

- (1) 10 points per band for use of no tuner antenna on that band for the whole sprint
- (2) 10 points for erecting antenna(s) 2 hours or less before the sprint. Note that you can build and test the antenna(s) ahead of time then raise it within 2 hours
- (3) 10 points battery power
- (4) 20 points for making at least 5 contacts on each band 40 and 20M
- (5) 25 points for working all zones (0,1,2, etc) includes contacts from both bands
- (6) 25 points for making 5 QRPp contacts (less than 1 watt-either you QRPp or the other station)

EXCHANGE: RST-SPC-NAME-PWR

SCORE: You will submit ONLY total CONTACTS plus specific bonus points claimed (note which ones) and station set up-- again no logs submitted. Brief description of station set up appreciated but not mandatory. They need to be

submitted by 1 October. Not a lot of paperwork so should be a snap to submit.

I don't have a website so make sure you print or save a copy of this. Will
post a reminder just before event.

Loop? vertical? L? dipole? doublet? inverted vee with reflector? 1/2 square?
long wire?---hmmmm I better get to work?

Alan KB7MBI in Woodinville, WA

Date: Thu, 20 Jul 2000 18:47:18 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [75479] Summer Fox Hunt #3 - N5TW -
Message-ID: <Pine.LNX.3.95.1000720184037.22758A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

- TEAM COMPETITION -

(1) - SWAMP RATS: Pts=14 "Clean Sweep"

- K0EVZ - Doc <-
- NV4V - Pete <-
- AF4PS - Mac <-
- AJ4Y - Paul <-
- N1TP - Tom <-

(2) - QRP CHEESEHEADS: Pts=2

- N9AW - Jerry
- NK9G - Rick <-
- AE9K - Brian
- WA9TZE- Jim
- tba - do you have a fifth pse?

(3) - RAIDERS OF THE LOST RF: Pts=5

- NA6E - Mary
- VE3FAL - Fred
- VA6RF - Earl <-
- VE5RC - Bruce
- VE6JAZ - Robert <-

(4) - THE FLYING PIGS: Pts=10

- KB9BVN - Brian <-
- N8IE - Dan
- W8DIZ - Diz <-
- WB6JBM - Rick
- AC7CF - Andrew <-

- (5) - GANDALF the GREY:
- G0JJQ - Wayne

- (6) - BIG DAWGS: Pts=6
- N1FN - Marshall
- N5TW - Tom
- WJ1R - Larry
- NW7DX - Ben <-
- N6WG - Bob <-

..."any new Teams and/or changes are to be made by the start of the next hunt on Thursday, July 13th".....this deadline has come and gone.....

....72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
 A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
 "QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

 Date: Thu, 20 Jul 2000 20:48:37 -0400
 From: Fred J Kalt <w2xn@juno.com>
 To: qrp-l@lehigh.edu
 Subject: [75480] Thursday Fox hunt
 Message-ID: <20000720.204840.-701141.4.w2xn@juno.com>
 MIME-Version: 1.0
 Content-Type: text/plain; charset=us-ascii
 Content-Transfer-Encoding: 7bit

Good luck to my fellow members of the Swamp Rats in tonite's fox hunt.

Fred w2xn #1728

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 20 Jul 2000 21:09:51 -0400

From: "Harry Hurst" <hhurst@delanet.com>

To: <franco@bnl.gov>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [75481] Re: Wattmeters

Message-ID: <002a01bff2b0\$6034c460\$9f50e2d8@upstairs>

MIME-Version: 1.0

Content-Type: text/plain;

charset="Windows-1252"

Content-Transfer-Encoding: 7bit

Recently, I built a QRP transmitter. I added an on-board dummy load/wattmeter circuit. It added 34 cents to the cost of the rig. I measure the voltage across the dummy load with a DVM, then calculate the power. It's just as inaccurate as the \$50 models!

I guess I have a bad attitude about wattmeters. My feeling is that +/- 50% is close enough. If you want a powerful (qrp) signal, then forget wattmeters and go work on the antenna!

----- Original Message -----

From: Franco, Nicholas J <franco@bnl.gov>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Thursday, July 20, 2000 3:40 PM

Subject: Re: Wattmeters

> The readout is not

> linear, frequency-sensitive, and the ranges do not track. There is

> a

> reason why good wattmeters cost big bucks.

>

> 73 de Joe, K3CHP

> Riverdale, MD

>

> Came home yesterday to find the latest QST waiting for me. One of the last

> articles is a quickie Wattmeter. I quickly built it and tried it out on a

> variety of kits with varying output power from 250mW (SMK-1) to 1.8W

> (DSW-20) with surprising results.

>

> First, I used a 20uA meter face (pretty sensitive, I thought). The 100ohm

> Var. makes it nice and easy to adjust or calibrate.
>
> I had done the measurments using my DVOM from my home brew 50ohm dummy
load
> with a .01uF cap and 1N914. I don't know exactly how accurate my watt
> measurements are, but they are consistent. So the SMK-1 calculates out to
> 249.4mW or ~250mW. The DSW-20 at ~1.8W; the SW-30 is about ~2W (haven't
> measured that in a long time); the TT2 caluclated out to ~750mW (wow);
> etc. etc. etc.
>
> I built the Wattmeter according to spec. (except for the meter movement)
and
> used the SMK-1 to calibrate the meter to 250mW at the first major
division.
> This would give me up to 2W measurable on the meter movement. Looked
great.
> Next, I hooked up the SMiTe which calculates out to 360mW on 12v and 180mW
> on 9v. The Meter face showed about ~360mW - Still good.
>
> Next: the DSW-20: WHAT? It showd only 750mW on the meter yet the
output
> calculates to 1.8W. I didn't understand what was wrong. I measured the
TT2
> and is only showed 400mW or so. My Tixie measured 500mW and that's pretty
> close to reality. Seems the more power I put into this meter device the
> less the accuracy. I hooked up the IC-728. When I cranked up the power
to
> get the movement to reach the 2W level (full tilt), I then put the output
to
> the MFJ-941 tuner and it's meter was up to 15W. Something is very wrong.
>
> I'll try again with a 100uA movement if I have one and see what that does.
> But I tend to think that Joe is right.
> They wouldn't charge big bucks for a commercial Wattmeter if you could
build
> one for a few cents and not compromise accuracy.
>
> 72 oink!
> Nick - kf2p . .
>
> FP# 90 / QRP-L # 13
> --
> Nicholas J. Franco <>< BROOKHAVEN NATIONAL LABORATORY
> Systems Administrator Collider-Accelerator Department
> Tel: (516) 344-5467 UPTON, NY 11973-5000
> Fax: (516) 344-2833 Ham Call: KF2P
> <mailto:nickf@bnl.gov> <http://www.rhichome.bnl.gov/People/franco>
>

>

Date: Thu, 20 Jul 2000 21:14:36 EDT
From: n5ib@juno.com
To: qrp-1@Lehigh.edu
Subject: [75482] FOX
Message-ID: <20000820.201314.8239.1.N5IB@juno.com>

Al has a booming signal into Louisiana just above 14061. The band sounds better than it has in days. Bagged a pelt on the second call, not more than 5 minutes into the hunt, quickest ever.

Now to see if I can convince Gloria, WD5CMA, to join this hunt...

72, good luck and good hunting
Jim N5IB

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Fri, 21 Jul 2000 01:12:51 -0400
From: Richard Arland <k7sz@epix.net>
To: rohre@arlut.utexas.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [75483] Re: Ten Tec 1202 Power Meter, I was the original mod author
Message-ID: <3977DBD3.BDEA2346@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Stuart Rohre wrote:

> For \$50 I am willing to interpolate, or use a protractor and scribe some more
> meter marks on the scale. It is an outstanding value in a kit.....

Right on!!!

This is the main reason I chose this kit in place of the WM-2 or a commercial wattmeter for inclusion into August QRP Power.

Now, there is absolutely nothing wrong with the Oak Hills WM-2 or the Diamond SWR/Pwr meters...but the cost certainly is higher. And, after all, seldom do we REALLY need lab grade test equipment for this hobby. (The key word here, folks, is H-O-B-B-Y.)

I did test the Radio Shack SWR/Pwr meter (21-534) that lists for about \$30. While it looks nice, it is frequency sensitive.....called it for 5 watts FS on 80 meters and at 10 meters it was off scale!!! Definitely not what we need in a piece of test gear. I may do some more experimentation with this unit and find out if there is a simple, cost effective way to improve the calibration. For \$30 it would be a nice (and cheap) addition to the shack, if it can be made to work properly across the HF spectrum.

73 Rich K7SZ

Date: Thu, 20 Jul 2000 20:39:51 -0500
From: "George , W5YR" <w5yr@att.net>
To: n5ib@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [75484] Re: FOX
Message-ID: <3977A9E7.2BF9F6DB@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Heard you working him, Jim, and figured North Texas stood a chance. Got him shortly after at 0107Z. Al was LOUD and what an op!

--
72/73, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 54th year and it just keeps getting better!
R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556
(12/99)

n5ib@juno.com wrote:

>
> Al has a booming signal into Louisiana just above 14061. The band sounds
> better than it has in days. Bagged a pelt on the second call, not more
> than 5 minutes into the hunt, quickest ever.

Date: Thu, 20 Jul 2000 21:54:02 EDT
From: BenNW7DX@aol.com
To: qrp-l@lehigh.edu
Subject: [75485] Re: FOX
Message-ID: <a0.752e2ba.26a9073a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Well, over here in Seattle, the fragrance of Fox is coming and going. With one more hour to go, I hope the condx change so I will be able to bag him. I wonder if anyone else in the northwest is in his log yet.

72,
Ben - NW7DX

Date: Thu, 20 Jul 2000 20:43:30 -0500
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [75486] Another Fox Falls...
Message-ID: <200007210143.AA00720@bolshoi.cc.misu.nodak.edu>
Content-Type: text/plain
Mime-Version: 1.0 (NeXT Mail 4.2mach_patches v148.2)

...to the mighty RF-131 milliwatt exciter. :-) Bagged him at 01:21 according to my clock. He took a big QSB hit at about 01:16 for a few minutes, and was just about inaudible, then rose back out of the noise and went to 599+, where he remains at the moment. Hanging around 14.061.5, doing steady business...

72/73
Todd, AGOT
QRP-L # 2211, ND

Date: Thu, 20 Jul 2000 22:09:44 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:BenNW7DX@aol.com" <BenNW7DX@aol.com>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@Lehigh.edu>

Subject: [75487] Re: FOX
Message-ID: <200007202209_MC2-ACF8-963C@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Ben:

Sure hope you get him! He was a solid 589 here at 0107. Rig was K2 at 1=
watt out to a brand new double bazooka up at 48'. He was getting louder
and louder toward 0200Z. =

Interestingly, he was only 559 on the big loop and in the noise with the
short window at 51'. Wow. Sure glad I got the bazooka up this afternoon=
.

72/73,
--W.D. (Doc) Lindsey
DSBF
PO Box 6028
Bismarck, ND 58506
(Shipping =3D DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)
E-Mail =3D K0EVZ@arrl.net

Date: Thu, 20 Jul 2000 22:12:56 -0400
From: John Wagner <john@neknetwork.com>
To: unlisted-recipients:; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [75488] Re: FOX
Message-ID: <3977B1A8.752C2E41@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I heard the fox briefly here in VT. Can hear the hounds, just no fox
anymore. Gonna stick it out for the rest of the hour though and pray the
radio gods can turn the tides for me.

On a positive note, my wife and oldest son came home from fishing and he
had a big 'ol rainbow trout with him. At least we'll eat tomorrow - no
thanks to me! ;)

73, Good luck all,

John, KB1ENS

BenNW7DX@aol.com wrote:

>
> Well, over here in Seattle, the fragrance of Fox is coming and going.
> With one more hour to go, I hope the condx change so I will be able to bag
> him. I wonder if anyone else in the northwest is in his log yet.
>
> 72,
> Ben - NW7DX

--

John Wagner - john@neknetwork.com

Web page: <http://www.neknetwork.com>

Personal Web page: <http://www.together.net/~jwag>

Date: Fri, 21 Jul 2000 14:47:14 -0500
From: "Richard McGaver" <mcgaver@execpc.com>
To: <ae2t@adelphia.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [75489] Re: Summer Fox AE2T Today 7/20 2000UTC
Message-ID: <005301bff34c\$79f7a4c0\$b18acfa9@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

20 is S6 noise with lots of noise, it started here in SE Wisc just before
0200 Great ! I just want da FOX !!!!!!!!!!!!!

NK9G Rick
0211Z

-----Original Message-----

From: Al Gritzmacher <ae2t@adelphia.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Thursday, July 20, 2000 1:45 AM
Subject: FOX: Summer Fox AE2T Today 7/20 2000UTC

Wow, it snuck up on me, it's already time for my second run as the
Summer FOX!

I'll be on Tomorrow, probably TODAY when you read this,

THURSDAY JULY 20 at 2000 UTC!

Look for me around 14.060 +- QRM. Hope to work everyone!

72,

AL AE2T

Sorry this is late... I sent it from the wrong account and Listserve kicked it!

Al Gritzmacher ae2t@arrl.net
<http://members.localnet.com/~ae2t/>

Thought for the day:

Book (n): a utensil used to pass time while waiting
for the TV repairman.

Date: Thu, 20 Jul 2000 22:19:20 -0400
From: Pete Burbank <plburbank@kih.net>
To: <qrp-l@lehigh.EDU>
Subject: [75490] FOX:
Message-ID: <3.0.32.20000720221916.0068589c@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Has anyone heard G0JJQ? It would be fun to let DX stations have a time window in the hunt when all the U.S. and VE folks would lay back and listen or maybe visit the refrigerator.

Any thoughts?

73 to all

Pete NV4V

Date: Thu, 20 Jul 2000 22:17:29 -0400
From: tom palmer <n1tp@worldnet.att.net>
To: QRP-L <qrp-l@lehigh.EDU>
Subject: [75491] FOX: Swamp Rats Sweep Hunt 5
Message-ID: <3977B2B9.8FE7C23A@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I saw it on the FOX News Network:

The Swamp Rats have a SWEEP in Fox Hunt Number Five.

AF4PS - Mac @ FL
K0EVZ - Doc @ ND
NV4V - Pete @ KY
AJ4Y - Paul @ FL

and, yours truly,

Tom, N1TP

Naples, Fl.
QRP-L 1317

Date: Thu, 20 Jul 2000 22:17:42 EDT
From: BenNW7DX@aol.com
To: qrp-l@lehigh.edu
Subject: [75492] Re: FOX -- the propagation gods were listening!!
Message-ID: <6f.7f6cd61.26a90cc6@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Once again, I spoke too soon! After finishing the first post, I went back to the shack, sat down for a couple minutes and just like a dream, the once tiny "presence" of a signal shot up to 599 and I immediately bagged him. The propagation gods were listening... YESSS!!

72,
Ben - NW7DX
Seattle, WA

Date: Thu, 20 Jul 2000 22:21:46 EDT
From: Macstein@aol.com
To: plburbank@kih.net, qrp-l@lehigh.edu
Subject: [75493] Re: FOX:
Message-ID: <d3.766e9f7.26a90dba@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

In a message dated 07/20/100 9:16:30 PM EST, plburbank@kih.net writes:

> Has anyone heard G0JJQ? It would be fun to let DX stations have
> a time window in the hunt when all the U.S. and VE folks would
> lay back and listen or maybe visit the refrigerator.
> Any thoughts?
> 73 to all
> Pete NV4V

YES! I tried to get Rumi LZ2RS to try..Rumi is always STRONG into the east coast, so Al would have been an easy catch!

72 es "oo"

-MAC-

AF4PS

Odessa, FL "Home of the Infamous Attic Dipole"

QRP-L # 704, FISTS #5096, CC #754, NorCal #1998, Zombie #510, ARCI #9843,
AR QRP #257, HI QRP #83, Whiners #5, SOC #28, West FL QRP, ARS #751
Flying Pig QRP #-51 and various other annual \$15 commitments.

Date: Thu, 20 Jul 2000 19:26:03 PDT
From: paule@sfu.ca
To: qrp-l@Lehigh.EDU
Subject: [75494] OT; TEN TEC question
Message-ID: <200007210226.e6L2Q3310303@rm-rstar.sfu.ca>
Content-Type: text/plain
Content-Disposition: inline
Mime-Version: 1.0

I picked up a ten tec 280 power supply recently, and am wondering what rig it is associated with, and how much it is worth.

I have tried a web search, and have not been able to find the info I need.

Any assistance will be appreciated.

cheers, Paul - VA7NT - email: paule@sfu.ca

Date: Thu, 20 Jul 2000 22:26:53 -0400
From: "Joe Everhart" <n2cx@voicenet.com>
To: "qrp1" <qrp-1@lehigh.edu>
Cc: "njqrp" <njqrp@njqrp.org>
Subject: [75495] NJQRP press coverage
Message-ID: <003901bff2bb\$22ba3ce0\$345947d1@JoeEverhart>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

NJQRP had a serendipitous happening at FD. While George N2APB and the gang were pounding away making Q's a fellow stopped by and interestedly began asking what FD was all about. George gladly filled him in and even took a photo at one of the operating positions. Turns out the guy was senior editor of a local paper and promised a writeup.

David N2ZHY alerted us today that the article finally made it to print.

I have reproduced a "teaser" from the article below and if you want the full text (and it is a good story!) check it out at the Mercer County Times site:

<http://www.nj.com/mercer/times/index.ssf?/mercer/times/07-18-0EBBF0FB.html>

Now *that's* the kind of press we want!

Thanks, Dave for pointing it out!

72/73,

Joe E., N2CX

What's this? Dots, dashes at Rosedale?

07/18/00
By ARNOLD C. ROPEIK
Senior Editor

It was late of a June afternoon and, being sort of restless, I drove over to Rosedale Lake just to visit with the waters and shorelands as one would drop in on an old and dear friend.

But as I pulled up to the parking area there was a different look to my little lake. Its shores were festooned with spider web antennae. Fly rods waving in the air I would understand. But radio antennae?

They were staked out along the shores of the picnic area and their long aluminum fingers, supported by guy wires and tethered cords, reached into the sky.

It turns out that the aerials were the work of New Jersey QRP Club, a devoted band of low-power ham radio operators who had gathered to participate in the American Radio Relay League's annual field trials.

Date: Thu, 20 Jul 2000 22:29:20 -0400
From: Ken Kirkley <ogbc@mindspring.com>
To: qrp-l@Lehigh.EDU
Subject: [75496] FB40 Oscilliator Can
Message-ID: <3977B580.D4924B1B@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Was wondering if anyone out there had an oscilliator can for the FB40 that would put it closer to the QRP freq of 7.040? I need to get away from the FB40 default 40 meter freq of 7.080 due to interference in the area. Let me know if you have one you are willing to part with.

73,
Ken/N04D

Date: Thu, 20 Jul 2000 22:38:49 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:n5ib@juno.com" <n5ib@juno.com>
Cc: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Subject: [75497] FOX
Message-ID: <200007202239_MC2-AD03-C1A8@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
 charset=ISO-8859-1
Content-Disposition: inline

Jim:

Heard you bag him. You were also a solid 589 here, as was the FOX. Wow.=
=

Conditions were much better than I had expected from earlier prop reports=
. =

Setup here was the K2 at 1 watt out to a new IAC double bazooka up 48'.

72/73,

--W.D. (Doc) Lindsey

DSBF

PO Box 6028

Bismarck, ND 58506

(Shipping =3D DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)

E-Mail =3D K0EVZ@arrl.net

Date: Thu, 20 Jul 2000 22:40:00 -0400
From: david sarraf <david.sarraf@paonline.com>
To: qrp-l <qrp-l@Lehigh.EDU>
Cc: Arjen.Raateland@vyh.fi
Subject: [75498] Painting aluminum
Message-ID: <3977B800.2C0D4EA1@paonline.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I once stored a car battery in the trunk of my car for about week.
There was also a quilt in the trunk which was made of small squares of
cloth sewn together with nylon thread. Seems that a week's exposure to
the battery acid vapors was enough to dissolve the nylon threads and I
was left with a pile of little cloth squares in place of the quilt.

Arjen Raateland wrote:

Lye attacks not only aluminium but wool, too. I have this from my own
experience. One evening long ago I fetched some (KOH or NaOH) lye - it
came in small pellets - from my father's drugstore in a little paper
bag. As I bicycled home it started to pour. My jacket got pretty soaked.
When I got home I had already forgotten about the lye in my pocket and
hung the coat over a chair in the living room. Next day there was a hole
in the woollen carpet where I'd hung my jacket :-)

Date: Thu, 20 Jul 2000 22:44:03 EDT

From: NB6M@aol.com
To: kb1ckkt@yahoo.com
Cc: qrp-l@lehigh.edu
Subject: [75499] Re: SMK1 kit
Message-ID: <4c.88327af.26a912f3@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Just for grins, I did a bench test and I could hear a test carrier from my big rig into a dummy load 5 Khz on either side of zero beat, which means that the receiver in the SMK-1 has a bandwidth of at least 10 Khz.

72

Wayne NB6M

Date: Thu, 20 Jul 2000 22:48:17 EDT
From: NB6M@aol.com
To: mutabut@net66.com
Cc: qrp-l@lehigh.edu
Subject: [75500] Re: Problem with SW40+
Message-ID: <64.4d577b1.26a913f1@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Terry,

When you say it has a birdie, but that it doesn't move, do you mean that you hear a tone that stays the same no matter where you move the main tuning knob?

Also, do you hear regular signals through your receiver?

Have you checked to see if it is transmitting all the time and what you hear is the sidetone?

Will do my best to help, just trying to narrow it down.

72

Wayne NB6M

Date: Thu, 20 Jul 2000 22:51:00 EDT

From: W1R0@aol.com
To: w5yr@att.net, qrp-1@lehigh.edu
Subject: [75501] Re: FOX
Message-ID: <73.5460833.26a91494@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Fox rst 119 here in Las Vegas, until KQ5U came up QRO right on top of him.
Waiting for KQ5U to turn it to KL2X to see if I can get the Fox
Jim
W1R0/7

Date: Thu, 20 Jul 2000 20:53:00 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>
Subject: [75502] Summer Fox Hunt #1 - K0EVZ - corrected -
Message-ID: <Pine.LNX.3.95.1000720204919.30697A-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

- TEAM COMPETITION -

(1) - SWAMP RATS: Pts=5 "Clean Sweep"

- K0EVZ - Doc <-
- NV4V - Pete <-
- AF4PS - Mac <-
- AJ4Y - Paul <-
- N1TP - Tom <-

(2) - QRP CHEESEHEADS: Pts=1

- N9AW - Jerry
- NK9G - Rick <-
- AE9K - Brian
- WA9TZE- Jim
- tba - do you have a fifth pse?

(3) - RAIDERS OF THE LOST RF: Pts=1

- NA6E - Mary
- VE3FAL - Fred
- VA6RF - Earl <-
- VE5RC - Bruce
- VE6JAZ - Robert

(4) - THE FLYING PIGS: Pts=4

- KB9BVN - Brian <-
- N8IE - Dan <-
- W8DIZ - Diz <-
- WB6JBM - Rick <-
- AC7CF - Andrew

(5) - GANDALF the GREY:

- G0JJQ - Wayne

(6) - BIG DAWGS: Pts=4

- N1FN - Marshall <-
- N5TW - Tom
- WJ1R - Larry <-
- NW7DX - Ben <-
- N6WG - Bob <-

...many thanks to NW7DX & N6WG for the corrections.....

....72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Thu, 20 Jul 2000 22:57:11 -0400
From: Pete Burbank <plburbank@kih.net>
To: Macstein@aol.com
Cc: <qrp-1@lehigh.EDU>
Subject: [75503] Re: FOX:
Message-ID: <3.0.32.20000720225708.008ee758@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:21 PM 7/20/00 EDT, you wrote:

>In a message dated 07/20/100 9:16:30 PM EST, plburbank@kih.net writes:

>

>> Has anyone heard G0JJQ? It would be fun to let DX stations have
>> a time window in the hunt when all the U.S. and VE folks would
>> lay back and listen or maybe visit the refrigerator.

>> Any thoughts?
>> 73 to all
>> Pete NV4V
>
>YES! I tried to get Rumi LZ2RS to try..Rumi is always STRONG into the east
>coast, so Al would have been an easy catch!
>
>72 es "oo"
>-MAC-
>AF4PS
>Odessa, FL "Home of the Infamous Attic Dipole"
>
>QRP-L # 704, FISTS #5096, CC #754, NorCal #1998, Zombie #510, ARCI #9843,
>AR QRP #257, HI QRP #83, Whiners #5, SOC #28, West FL QRP, ARS #751
>Flying Pig QRP #-51 and various other annual \$15 commitments.
>
>
Tnx for the comments Mac.
Have worked Rumi at least 3 times. It would be great to turn this
hunt into an international pile of yelping puppies. Also a good way to
establish a QRP calling frequency without ...well you know...HI!
73 Pete NV4V
Number???????...Somewhere south of Nonesuch, Ky and N.E. of Gravel
Switch.

Date: Thu, 20 Jul 2000 20:54:53 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [75504] Summer Fox Hunt #2 - AE2T - corrected -
Message-ID: <Pine.LNX.3.95.1000720205308.30697B-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

- TEAM COMPETITION -

- (1) - SWAMP RATS: Pts=9
 - K0EVZ - Doc <-
 - NV4V - Pete <-
 - AF4PS - Mac
 - AJ4Y - Paul <-
 - N1TP - Tom <-
- (2) - QRP CHEESEHEADS: Pts=1

- N9AW - Jerry
- NK9G - Rick
- AE9K - Brian
- WA9TZE- Jim
- tba - do you have a fifth pse?

(3) - RAIDERS OF THE LOST RF: Pts=3

- NA6E - Mary
- VE3FAL - Fred
- VA6RF - Earl <-
- VE5RC - Bruce <-
- VE6JAZ - Robert

(4) - THE FLYING PIGS: Pts=7

- KB9BVN - Brian <-
- N8IE - Dan
- W8DIZ - Diz <-
- WB6JBM - Rick <-
- AC7CF - Andrew

(5) - GANDALF the GREY:

- G0JJQ - Wayne

(6) - BIG DAWGS: Pts=7

- N1FN - Marshall <-
- N5TW - Tom <-
- WJ1R - Larry <-
- NW7DX - Ben
- N6WG - Bob

....72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
 A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
 "QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

 Date: Thu, 20 Jul 2000 20:57:22 -0600 (CST)
 From: Bruce Rattray <rattray@gpfn.sk.ca>
 To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>

Subject: [75505] Summer Fox Hunt #3 - N5TW - corrected -
Message-ID: <Pine.LNX.3.95.1000720205538.30697C-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

- TEAM COMPETITION -

(1) - SWAMP RATS: Pts=14 "Clean Sweep"

- K0EVZ - Doc <-
- NV4V - Pete <-
- AF4PS - Mac <-
- AJ4Y - Paul <-
- N1TP - Tom <-

(2) - QRP CHEESEHEADS: Pts=2

- N9AW - Jerry
- NK9G - Rick <-
- AE9K - Brian
- WA9TZE- Jim
- tba - do you have a fifth pse?

(3) - RAIDERS OF THE LOST RF: Pts=5

- NA6E - Mary
- VE3FAL - Fred
- VA6RF - Earl <-
- VE5RC - Bruce
- VE6JAZ - Robert <-

(4) - THE FLYING PIGS: Pts=10

- KB9BVN - Brian <-
- N8IE - Dan
- W8DIZ - Diz <-
- WB6JBM - Rick
- AC7CF - Andrew <-

(5) - GANDALF the GREY:

- G0JJQ - Wayne

(6) - BIG DAWGS: Pts=9

- N1FN - Marshall
- N5TW - Tom
- WJ1R - Larry
- NW7DX - Ben <-
- N6WG - Bob <-

..."any new Teams and/or changes are to be made by the start of the next hunt on Thursday, July 13th".....this deadline has come and gone.....

....72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Thu, 20 Jul 2000 21:00:09 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Pete Burbank <plburbank@kih.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [75506] Re: FOX:
Message-ID: <Pine.LNX.3.95.1000720205923.30697D-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Haven't heard Wayne yet Pete....but maybe the foxii could call G0JJQ every now and then and we'd all listen?

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

On Thu, 20 Jul 2000, Pete Burbank wrote:

> Has anyone heard G0JJQ? It would be fun to let DX stations have
> a time window in the hunt when all the U.S. and VE folks would
> lay back and listen or maybe visit the refrigerator.
> Any thoughts?
> 73 to all
> Pete NV4V
>

Date: Thu, 20 Jul 2000 18:56:37 -0800
From: John Rollins <rexstout@uswest.net>
To: qrp-l@lehigh.edu
Subject: [75507] Macintosh users
Message-ID: <a04320400b59d6bba9187@[207.225.87.230]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Come on over to the ham-mac list! Go to <http://www.qth.net/> and select the list from the pop-up menu, you can then go through the archives and subscribe to the list. There's not a whole lot of activity on the list, so it won't fill up your email box like this one does(or if you're on dozens of lists you forget your subscribed until there's a flurry of posts! :-))

--

```
/-----\  
| http://jrollins.tripod.com/ rexstout@uswest.net |  
| http://www.geocities.com/jrollins.geo/ |  
| List admin for orham and ham-mac at www.qth.net |  
| KD7BCY pdxham at www.egroups.com |  
\-----/
```

Date: Thu, 20 Jul 2000 22:07:23 -0500
From: Brian <brian@iquest.net>
To: QRP-L <qrp-l@lehigh.edu>, pigs <fpqrp@egroups.com>
Subject: [75508] Fox meat!!!
Message-ID: <3977BE6B.9768E376@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

At 02:18 UTC I finally bagged the wiley wascal.

He was NADA in central Indiana until about 0200 and then at best he rose to about 459...then at 0215 he was 559 and that was the best it got.

I think Flying Pigs scored three contacts...YAY PIGS!!

--

=====

KB9BVN	NORCAL	2792	FISTS	5695	QRP-L	1540	QRP-ARCI	10223
39.558	N	86.095	W	Johnson Co., Indiana				
GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w								

Proud to be a member of the American Radio Relay League
FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57
=====

Date: Thu, 20 Jul 2000 21:21:21 -0600
From: "Rod, N0RC" <n0rc@qsl.net>
To: qrp-l@Lehigh.EDU
Subject: [75509] FOX
Message-ID: <20000720212121.A55743@io.frii.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

The was was 599 in Fort Collins, CO at 0203. Just when I bagged him! ;-)

Setup here: "The Hound-mobile", A "New" VW Beetle, PW-1 and K2 at 5W.
PIX coming soon to a web browser near you.

73, Rod N0RC

Date: Thu, 20 Jul 2000 20:33:40 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: n7ceeqrp@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [75510] Re: Backpacker Rig Question
Message-ID: <3977C494.F810EEA7@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bruce Grubbs wrote:

>
> I've used both the DSW40 and the SST40 on backpack trips. Overall, I prefer
> the DSW40 because of the frequency range and the RIT. Since the DSW series
> is not available, I'm considering an SST for 30m, where the frequency
> coverage would be good enough. I'd still miss the RIT, but since there
> aren't any contests on 30 I probably wouldn't miss it that much.
>

Agree, Bruce. My SST-30 (using both varactors) gives me 10.099-10.119.
But I did replace the nominal 12 uH RFC3 by 11.2 uH (two 5.6 uH in
series, provided with the kit by Wilderness). I'm very happy with the
rig.

A bit low on audio, so I opened the IF a bit; on 30 meters, not a problem (still tighter than a DSW, I think).

73, Phil W7OX

Date: Thu, 20 Jul 2000 23:48:49 -0400
From: "Al Gritzmacher AE2T" <ae2t@adelphia.net>
To: qrp-l@lehigh.edu, sfox@egroups.com
Subject: [75511] FOX: Log for AE2T 7/21
Message-ID: <200007210347.XAA188422@nss4.cc.lehigh.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Here's the raw log, not even time to clean it up a bit yet.

Thanks to all the Hounds who came out to work me. I know there were many I couldn't hear. We had it all QSB, QRN, QRM, sweeping noises, etc. but the biggest problem I had was there were just so many tiny signals all on top of each other. I could tell they were there, but that's about all.

I listened all over with the RIT, and only worked stations on my frequency if that's all there was. Many partial calls were heard and a lot persevered and eventually got through.

I had to QSY a bit late in the hunt due to another QSO moving in on frequency. I worked a bunch after that, so it was the right move, you guys must have had as hard a time hearing me through it as I did you.

We hit 75 QSOs and LZ2RS came in strong on frequency right after the 0300 bell tolled. Wish he came along just a bit sooner. :-)

As usual, TX and CO seemed to have the best signals, but propagation was there to CA and even OH, IL, MN. Joel KE1LA was the sole representative from the northeast. Several Canadian friends made the log too.

Here's the log. Should be in better shape than the first one. Send me corrections asap.

=====
; 21-Jul-00 22:56 : Summer Foxhunt 7/21/2000 FOXHUNT AE2T

Band	Date	Time	QSO#	Call	worked
Pts					
----	----	----	----	-----	
20CW	21-Jul-00	01:00	1	AF5Z	* 599 BOB TX 984
1					
20CW	21-Jul-00	01:01	2	N4ROA	* 599 VA DAN 970
1					
20CW	21-Jul-00	01:02	3	N5TW	559 TX TOM 1474
1					
20CW	21-Jul-00	01:03	4	N5ZE	599 TX LEW 2178
1					
20CW	21-Jul-00	01:03	5	N5IB	* 559 LA JIM 1913
1					
20CW	21-Jul-00	01:04	6	AA5UN	599 TX MARTY 5W
1					
20CW	21-Jul-00	01:05	7	N5IW	559 TX DAVE 1718
1					
20CW	21-Jul-00	01:06	8	NN5B	10149 JERRY TX
1					
;YES, THAT'S THE NUMBER HE GAVE ME - ARCI #??					
20CW	21-Jul-00	01:07	9	N1TP	* 569 FL TOM 1317
1					
20CW	21-Jul-00	01:08	10	W5YR	559 TX GEO 1373
1					
20CW	21-Jul-00	01:09	11	K0EVZ	* 589 ND DOC 861
1					
20CW	21-Jul-00	01:09	12	N1FN	559 CO ET 163
1					
20CW	21-Jul-00	01:10	13	NQ7X	* 559 AZ FLOYD 343
1					
20CW	21-Jul-00	01:11	14	VE5RC	* 559 SK BRUCE 886
1					
20CW	21-Jul-00	01:11	15	W1XT	579 BOB AZ 262
1					
20CW	21-Jul-00	01:12	16	K5LN	* 599 TX BILL 1794
1					
20CW	21-Jul-00	01:13	17	AJ4Y	599 FL PAUL 1795
1					
20CW	21-Jul-00	01:14	18	N6XU	* 569 CA STAN 66
1					
20CW	21-Jul-00	01:15	19	NM5M	* 599 ERIC TX 1824
1					
20CW	21-Jul-00	01:15	20	AF4PS	* 599 FL MAC 704
1					
20CW	21-Jul-00	01:17	21	WJ1R	559 CO LARRY 2137

1				
20CW	21-Jul-00 01:18	22	VE5VA	PETE SK 46
1				
20CW	21-Jul-00 01:20	23	W0RW	599 CO 1284 PAUL
1				
20CW	21-Jul-00 01:21	24	K7Q0	* 599 AZ CHUCK 1
1				
20CW	21-Jul-00 01:22	25	AG0T	599 ND TODD 2291
1				
20CW	21-Jul-00 01:23	26	K50I	559 NM 73 TIM
1				
20CW	21-Jul-00 01:24	27	N5GLQ	579 LA MIKE 5W
1				
20CW	21-Jul-00 01:25	28	K5DI	579 NM KARL 2195
1				
20CW	21-Jul-00 01:26	29	KM5VY	559 NM TOM 1592
1				
20CW	21-Jul-00 01:27	30	N6MM	599 HARVEY 5W CA
1				
20CW	21-Jul-00 01:29	31	WS4S	* 589 TN CONARD 993
1				
20CW	21-Jul-00 01:30	32	W7QQQ	549 AZ JACK 1210
1				
20CW	21-Jul-00 01:31	33	NV4V	* 579 KY PETE 1721
1				
20CW	21-Jul-00 01:33	34	VE3ZBU/K5	ERIC NM 2W
1				
20CW	21-Jul-00 01:36	35	WD5CMT	559 LA GLORIA 5W
1				
20CW	21-Jul-00 01:37	36	KG4BIG	559 KY KEN 1974
1				
20CW	21-Jul-00 01:39	37	NK7M	579 AZ BOB 271
1				
20CW	21-Jul-00 01:41	38	W2XN	* 559 FL FRED 1728
1				
20CW	21-Jul-00 01:44	39	KR5C	GEORGE TX 810
1				
20CW	21-Jul-00 01:47	40	VA6RF	AB EARL 1076
1				
20CW	21-Jul-00 01:49	41	N6WG	* BOB CA 16
1				
20CW	21-Jul-00 01:50	42	VE7BGP	589 BC GERY 4W
1				
20CW	21-Jul-00 01:51	43	AE9F	579 DAN CA 5W
1				
20CW	21-Jul-00 01:53	44	W8DIZ	559 OH DIZ 1981

1					
20CW	21-Jul-00	01:55	45	VE7SL	569 BC STEVE 762
1					
20CW	21-Jul-00	01:57	46	K5QYT	559 NM TOM 640
1					
20CW	21-Jul-00	01:58	47	KA5T	559 LARRY TX 89
1					
20CW	21-Jul-00	02:02	48	WA7SPY	559 CA GLENN 2214
1					
20CW	21-Jul-00	02:03	49	KI0II	* 559 CO RON 928
1					
20CW	21-Jul-00	02:04	50	KK6MC/5	589 JIM NM 411
1					

Band	Date	Time	QSO#	Call	worked
Pts					

----	----	----	----	-----	

20CW	21-Jul-00	02:05	51	N0RC	599 CO ROD 1764
1					
20CW	21-Jul-00	02:06	52	K5DW	559 TX DON 2083
1					
20CW	21-Jul-00	02:06	53	NW7DX	* 559 WA BEN 1892
1					
20CW	21-Jul-00	02:10	54	K9IUA/0	559 MN KEVIN 384
1					
20CW	21-Jul-00	02:13	55	N0UR	579 JIM MN 799
1					
20CW	21-Jul-00	02:14	56	K5ZTY	* 559 TX BILL 473
1					
20CW	21-Jul-00	02:15	57	W7MD	559 AZ DAMON 2190
1					
20CW	21-Jul-00	02:17	58	K0PC	579 MN PAT 1964
1					
20CW	21-Jul-00	02:18	59	KB9BVN	559 BRIAN IN 1540
1					
20CW	21-Jul-00	02:21	60	W7SLW	559 AZ HOWARD 2010
1					
20CW	21-Jul-00	02:22	61	K6VNX	589 CA ARLEN 5W
1					
20CW	21-Jul-00	02:23	62	KA1DDB	559 MIKE MI 2064
1					
; 21-Jul-00 02:23 : SECOND TRY					
20CW	21-Jul-00	02:24	63	W5YW	559 MIKE LA 5W
1					
20CW	21-Jul-00	02:27	64	KE1LA	* 579 ME JOEL 2207

1
20CW 21-Jul-00 02:29 65 VE5QRP 559 SK BRUCE 5W
1
; 21-Jul-00 02:29 : OFF SIDE OF BEAM
20CW 21-Jul-00 02:33 66 KI0MZ 559 STEVE CO 418
1
20CW 21-Jul-00 02:35 67 KA9TXE 559 TERRY IL 977
1
20CW 21-Jul-00 02:37 68 AA7EQ 559 AZ BOB 2186
1
20CW 21-Jul-00 02:38 69 AF4LQ 569 KY MIKE 1395
1
20CW 21-Jul-00 02:40 70 W0CH 559 MO DAVE 618
1

20CW 21-Jul-00 02:45 71 K5AAR * 559 OK DON 1512
1
20CW 21-Jul-00 02:54 72 N8IE * 559 OH DAN 5W
1
20CW 21-Jul-00 02:55 73 N4SO AL KEN 622
1
20CW 21-Jul-00 02:58 74 KN6YD 559 CA JEFF 5W
1
20CW 21-Jul-00 07:01 75 K7TQ * RANDY ID 1212
1

=====

Date: Thu, 20 Jul 2000 23:55:36 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [75512] AE2T got 75 pelts tonight
Message-ID: <200007202355_MC2-AD01-F936@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Gang:

Talked with Al Da FOX after he concluded his run. He was always loud here tonight (thank goodness!), and was a good 589 during our FOX QSO at 0107.=
=

Said he had a total of 75 pelts, which if it holds up will be a new standard for the FOXes this summer season. =

Setup here was K2 at one watt to a new IAC double bazooka up 48'. Sure glad for this new antenna tonight :-).

Good show, Al.

72/73,

--W.D. (Doc) Lindsey

DSBF

PO Box 6028

Bismarck, ND 58506

(Shipping =3D DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)

E-Mail =3D K0EVZ@arrl.net

Date: Fri, 21 Jul 2000 00:00:55 -0400 (EDT)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-l@Lehigh.EDU>
Cc: Ed Hare <w1rfi@arrl.org>
Subject: [75513] Re: QST Article Reprints & ARCI "QRP Quarterly"
Message-ID: <Pine.BSF.4.21.0007202319570.3417-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Ed,

Thanks for passing along the information about QST Reprints. One more reason to be a member. At \$ 3.00 for an Article, they obviously are not making a profit. :^)

While I happen to have a very extensive QRP Reference Library, I would be hard pressed to dig out the particular magazine and take it to a copy center to make the copy. (My Library has evolved into a storage room) :^)

Certainly the cost of copying and the postage and Gas to get both done would easily exceed the \$ 3.00 mentioned.

Just goes to show that there are still bargains to be had these days.

In caase any are wondering about my Library, I was the Technical Librarian for our local Ham Store "Maryland Radio Center" for about ten years.

Sadly, the store is no longer in business. I donated the bulk of the

library to a local Ham Club. Mike Czuhajewski, sent many pounds of the magazines to other countries for the cost of shipping.

My collection was combined with the "Maryland Milliwatt Club QRP Reference Library". Currently in storage. Part of the reason I didn't respond to the request. No, we don't lend. :^)

Just for information, I also have a quantity of extra copies of various magazines in the library which will eventually become available.

Yes, even copies of "Ham Radio" :^)

Lastly, I am also the person to contact for back issues of the QRP ARCI Quarterly Journal. Check the QRP ARCI Web Site for latest details.

Generally I have 1998,1999 & 2000 Issues in stock. (1) \$ 5.00, (2) \$ 9.00 plus Postage which generally is \$ 3.00 per order. Up to 5 issues will fit in a USPS Priority mailer. Payment to "George Gingell" at 3052 Fairland Road Silver Spring, MD 20904-7117

No, I do not have the July 2000 Issue in stock yet, But I hope to by next month.

72 Pages and another excellent Issue. I received a few advance copies last week which are already on the way to "NEW MEMBERS".

For more information on Joining QRP ARCI and receiving your very own copy of our Great QRP Quarterly Journal, check our Web Site at <<http://www.qrparci.org>>

The rates are \$ 15.00 U.S., Canada \$ 18.00, DX \$ 20.00

Applications may be sent to QRP ARCI 117 E. Phillip Street, Des Moines, IA 50315-4114. Check or Money order in U.S. Funds payable to "QRP ARCI".

Funny how a few comments can turn into an advertisement to QRP Club :^)

I forgot to mention that ordering direct from the publisher also eliminates any possible Copyright infringements. :^)

Sir George, The First :^)

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
QRP A.R.C.I. Net Manager and Former Board of Director Member.

Gingell & Company, Ltd. Small Business Telephone Systems
Notary Public and Locksmith Services
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301)572-6789
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Date: Fri, 21 Jul 2000 00:03:44 EDT
From: ARDUJENSKI@aol.com
To: hosinsky@jet.es, qrp-l@lehigh.edu
Subject: [75514] portable antenna
Message-ID: <71.51a4992.26a925a0@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

GORAN:

I know the article you were talking about. It came out about the same time mine on NWQRP-L was published. Mine is similar and a bit easier to use.

WIRE: I take 100 ft of #18 speaker wire and separate the two wires.

SPREADERS: I use the 3/8in ID / 1/2in OD plastic tubing used for water systems in the hardware store-comes in 5ft lengths at HOME DEPOT. I cut it in 4 inch pieces (about 25 pieces) and drill a hole 1/2 inch from each end just large enuff to pass the wire thru snugly. I then feed the two wires thru all the spreaders.

TOP SPREADER: This is 1/2 inch pvc or 5/8 inch hardwood dowel 5 inches long. Drill two holes 1/2 inch and 1 inch from each end. Pass the wires thru the inner two holes.

ASSEMBLY: First set the top spreader. measure out 66 ft wire (each side) above top spreader. Make one loop around the dowel and then pass the end thru the outer hole (do both sides) This locks the top wire in place. You can shorten or lengthen each side just by loosening the loop on the dowel.

Secure the top spacer to some object so you can pull the two wires (feed line) out and attach to something. Slide the spacers along the wires to evenly space them out along the length (about 18 inches or so) For portable and temp operations these are secured in place using a rubber band slipped over each end of the plastic spacers holding the spacers snugly in place. You can use small pieces of wire ti tie wrap them in for a longer period.

END INSULATORS: You can use the same type tubing as for the spacers or the

wood doweling or pvc.

CONNECTORS: I use RCA or wire nuts on the ends of my portable antenna or just tin the wire and attach to the ATU.

The advantage of the speaker wire is it cheap and insulated and you normally have the two wires color coded. The use of insulated wire lessens the affects of wind and moisture.

If you plan to use smaller dipoles you can scale back the length based upon expected feed length, antenna height and leg length. TOTAL COST less than \$20.

When you are done, remove the rubberbands (or tie wraps) and slide the spacers to one end and coil up the wire--Hope this helps Alan KB7MBI

Date: Thu, 20 Jul 2000 21:08:02 -0700
From: Russ Dow <n7dw@garlic.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [75515] Where did NJQRP go?
Message-ID: <3977CCA2.5DE83713@garlic.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi gang,

I can't raise NJQRP on their new URL, <http://waterw.com/~njqrp/> . I have this bookmarked, and it worked a few days ago.
Anybody know if there's a problem?

73,
Russ N7DW
Morgan Hill, CA

Date: Fri, 21 Jul 2000 00:22:23 -0400
From: KD1YV <kd1yv@mindspring.com>
To: qrp-l@lehigh.edu
Subject: [75516] CARA Appalachian Trail event
Message-ID: <3977CFFF.45CB25D9@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The photo gallery of the CARA Appalachian Trail event

is now on the CARA Web. Visit the CARA home page at
<http://www.danbury.org/cara/> then follow the link to
the Appalachian Trail Event.

--

72/73 de Jim, KD1YV
Minister Without Portfolio

Date: Fri, 21 Jul 2000 00:28:34 -0400
From: John Wagner <john@neknetwork.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [75517] fox: less...
Message-ID: <3977D172.332128DF@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Drat, missed another one. Gave it a good listen the second hour but no
joy. I've *never* worked a NY station here on 20m - 40m, all the time,
20m, never. I did hear the fox very briefly, but it was weak and faded
as fast as it came in. Heard quite a few hounds though - love that
sound!

I see this Sundays fox is W8RU in OH - this could be the one! I had a
nice 5w 2xQRP QSO tonight with W8DEP, Dave in OH. In fact, I had two Q's
in OH tonight... in fact, for some reason I can't get my signal OUT of
OH!

"See" ya'll in the field on Sunday! 73,

John, KB1ENS

--

John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>
Personal Web page: <http://www.together.net/~jwag>

Date: Thu, 20 Jul 2000 21:56:28 PDT
From: paule@sfu.ca
To: qrp-1@Lehigh.EDU
Subject: [75518] Bisquare vs Delta Loop?
Message-ID: <200007210456.e6L4uS323698@rm-rstar.sfu.ca>
Content-Type: text/plain
Content-Disposition: inline

Mime-Version: 1.0

For some time, I have been interested in the Bisquare antenna, and attempted to put one up using my 50ft vertical as the centre support. The final configuration looks more like a Delta loop, with the top open. I forget the exact length of each element, but that is irrelevant for this discussion. Suffice it to say, that I have up as much wire in each element as the physical space will allow. The antenna is fed with a short length of 300ohm twinlead to a choke balun, and is force fed with the antenna tuner in my K2. On 20 meters and up, the loop/bisquare is generally 2 sunits better than the vertical. On 30meters and lower the vertical usually wins.

My questions are these:

1 - is there any advantage to closing the gap at the top so I am running it as a full loop. If so, why.

2 - is there an advantage to my current situation over the loop, so I should just leave well enough alone?

3 - should I make provision via relay or what have you to be able to close the top in some circumstances, and open in others?

Thanks in advance.

cheers, Paul - VA7NT - email: paule@sfu.ca

Date: Fri, 21 Jul 2000 00:02:05 -0700
From: Adrian Weiss <aweiss@usd.edu>
To: qrp-l@lehigh.edu
Subject: [75519] F00's on 30m!!
Message-ID: <3977F56D.1CE3@usd.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi gang:

This is wierd. F00's coming out of the woodwork on 30m.

7/19 0432 F00CLA

7/20 0417 F00MOT

7/21 0457 F00PT

All worked with 2w out of the SST to my G5RV fed with 450-ohm ladder line all the way up 48ft.

One slight drawback with the SST -- no RIT. Soooo, gotta twist the dial back to the exact freq I called on when he finally responds to me! Talk about a challenge. F00M0T resent the rpt because I missed my original frequency!

Adds a bit of challenge to working Polynesia on 30m!!

I had this fantasy last night. An envelope arrives from the Zero-QSL bureau with 13 new countries in it....

Just found out that VP6BR didn't get hom until late May, so no wonder he hasn't sent me a QSL!

So, you all that are interested in trying 30m DX, start checking around 30m around 0400 -- freqs vary from 10.103 to 10.1095.

72, Ade

Date: Fri, 21 Jul 2000 01:33:33 EDT
From: DYARNES@aol.com
To: n7dw@garlic.com, qrp-1@lehigh.edu
Subject: [75520] Re: Where did NJQRP go?
Message-ID: <c0.6b4469d.26a93aad@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 7/20/00 9:09:24 PM US Mountain Standard Time, n7dw@garlic.com writes:

<< I can't raise NJQRP on their new URL, <http://waterw.com/~njqrp/> . I have this bookmarked, and it worked a few days ago. >>

I thought it was www.njqrp.org. Tried that just now and no go. Went through Norcal web page link, and that's the address they use too.

Dave W7AQK

Date: Fri, 21 Jul 2000 00:46:40 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>

To: Jeff <fantbb@yahoo.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [75521] Re: This has got to be the worst solar cycle!
Message-ID: <Pine.SUN.4.10.10007210033550.6400-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 20 Jul 2000, Jeff wrote:

> Looked the solar indices today. Shows the solar flux way up and the A
> index way down.

Yes, today's solar flux is 253 (like really high, dude) and the A-index only 15.

But remember ... the A-index is YESTERDAY's average, not today's.
Today's estimated A-index is >50 (major storm levels).

Geomagnetic disturbances are measured by a network of instruments around the earth and averaged EVERY 3 HOURS. This measurement is known as the K-Index. Then, at the end of the UTC day, all the 3-hour K-indexes are averaged to become the A-index (although, different scaling).

Thus, the K-index tells you more or less what's happenin' NOW, and the A-Index tells you what the entire planet experienced YESTERDAY.

> Got on, NOTHING! 20 was dead as a doornail. OK went to 40
> meters. Heard one signal! Sheesh what is with this solar cycle?

Thursday, we were in a minor to major geomagnetic storm most all day. This made HF communications very difficult, at best. It has since subsided. But, the enhanced solar activity has elevated the solar flux so the higher bands, 10M up through 2M, tend to be very good.

The active sun is always a mixed blessing ... very high solar flux to raise the MUF to allow 15 and 10M to be open, but the solar flares that occur can also trigger these geomagnetic storms that makes communications on the lower bands (20M and below) very difficult as well.

And the sun has been especially active past few weeks, making conditions on the band pretty variable from one day to the next. And today's flare is expected to smack us for another major-severe storm this weekend.

> I can't believe I couldn't wait until this solar cycle rolled around.
> It's terrible!
>
> A frustrated ham I am

Hang in there. There's always more good days than bad. Well, maybe not this week though :-)

My personal observation is this solar cycle is pretty typical. The only thing I've noticed is a very poor usage of 10M. This is not due to a poor solar cycle ... just lack of activity on 10M. In the past, 10M is usually hopping with activity during the solar peak, and that just isn't happening this cycle for some reason. I guess all the JA's tossed out their converted CB's or something.

72, Paul NA5N

Date: Fri, 21 Jul 2000 0:17:50 PDT
From: paule@sfu.ca
To: na5n@rt66.com
Cc: qrp-1@Lehigh.EDU
Subject: [75522] Re: This has got to be the worst solar cycle!
Message-ID: <200007210717.e6L7Ho303306@rm-rstar.sfu.ca>
Content-Type: text/plain
Content-Disposition: inline
Mime-Version: 1.0

Hi Paul,

Thanks again for the great information... Too bad we can't get you up here for the last weekend in July for our DX2000 gettogether... Oh well,

Any idea what lays in store for us for the last weekend in July??? Enquiring Bumble Bees would like to know...

cheers, Paul - VA7NT - email: paule@sfu.ca

Date: Fri, 21 Jul 2000 06:50:39 -0000
From: "Winston F. Jones" <winjones@ix.netcom.com>
To: <paule@sfu.ca>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [75523] Re: OT; TEN TEC question
Message-ID: <004901bff2df\$fbcd300\$1f8456d1@winstonj>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The Ten-Tec 280 power supply is a 20-amp supply used with the Ten-Tec Delta 580, released around 1980. It should be worth \$50-75, depending upon condition.

73, Winston K4CWQ

----- Original Message -----

From: <paule@sfu.ca>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Friday, July 21, 2000 02:26 AM
Subject: OT; TEN TEC question

> I picked up a ten tec 280 power supply recently, and am wondering
> what rig it is associated with, and how much it is worth.
>
> I have tried a web search, and have not been able to find the info
> I need.
>
> Any assistance will be appreciated.
>
> cheers, Paul - VA7NT - email: paule@sfu.ca
>
>

Date: Thu, 20 Jul 2000 23:41:53 -0400
From: tailfeathers@juno.com
To: k7sz@epix.net
Cc: qrp-l@Lehigh.EDU
Subject: [75524] Re: Ten Tec 1202 Power Meter, I was the original mod author
Message-ID: <20000721.074130.-4070107.0.tailfeathers@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I bought the 1202 at Dayton and built it a few weeks ago. Its a very nice swr/wattmeter for the money and I also bought a peak reading kit from Hi-Res communications to put in it but haven't got it in there yet. The meter in it was a little disappointing but maybe there is a better one out there somewhere. I even put a light in mine.....

Gary

n8gsj

On Fri, 21 Jul 2000 01:12:51 -0400 Richard Arland <k7sz@epix.net> writes:

>
>
> Stuart Rohre wrote:
>
> > For \$50 I am willing to interpolate, or use a protractor and
> scribe some more
> > meter marks on the scale. It is an outstanding value in a
> kit.....
>
> Right on!!!
>
> This is the main reason I chose this kit in place of the WM-2 or a
> commercial wattmeter for inclusion into August QRP Power.
>
> Now, there is absolutely nothing wrong with the Oak Hills WM-2 or
> the
> Diamond SWR/Pwr meters...but the cost certainly is higher. And,
> after
> all, seldom do we REALLY need lab grade test equipment for this
> hobby.
> (The key word here, folks, is H-O-B-B-Y.)
>
> I did test the Radio Shack SWR/Pwr meter (21-534) that lists for
> about
> \$30. While it looks nice, it is frequency sensitive.....caled it for
> 5
> watts FS on 80 meters and at 10 meters it was off scale!!!
> Definitely
> not what we need in a piece of test gear. I may do some more
> experimentation with this unit and find out if there is a simple,
> cost
> effective way to improve the calibration. For \$30 it would be a nice
> (and cheap) addition to the shack, if it can be made to work
> properly
> across the HF spectrum.
>
> 73 Rich K7SZ

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 21 Jul 2000 07:44:03 -0400
From: "Tom Bowman" <tbowman@nbn.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [75525] OT: QST Index
Message-ID: <LPBBKNNCCFBPAKMPADLJEEFLEAAA.tbowman@nbn.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Does anyone else share my frustration with the search engine
in QST-View,
the CD-ROMs published by the League?

I have three of the QST CD collections - \$40 each - and each
time
I try to find something in the collections I come away
swearing I will never
buy another until they improve their search.

This morning, I spent 35 minutes trying to find an article
and I knew the year
it was published. Still have not found it.

Has anyone found a way to work around their confusing,
under-powered search engine?

There must be a way to write an after-market program that
searches all the
article titles after they are installed on a hard drive.

The information in the CDs is great.
The reproduction is fair to good.
The ability to search for the information is about
worthless.

73,

Tom, WA3REY

Date: Fri, 21 Jul 2000 07:25:08 -0500
From: Dave Sjolín <sjolin@swbell.net>
To: na5n@rt66.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [75526] Re: This has got to be the worst solar cycle!
Message-ID: <39784124.425AEC2E@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

"Paul Harden, NA5N" wrote:

>
> My personal observation is this solar cycle is pretty typical. The only
> thing I've noticed is a very poor usage of 10M. This is not due to a
> poor solar cycle ... just lack of activity on 10M. In the past, 10M
> is usually hopping with activity during the solar peak, and that just
> isn't happening this cycle for some reason. I guess all the JA's tossed
> out their converted CB's or something.

I agree Paul that the problem with ten is more activity than
propagation. I think the addition of six meters to a lot of the new rigs
means that a lot of guys that would have been on ten are now on six.

73 de Dave, N0IT

Date: Fri, 21 Jul 2000 08:40:40 -0400
From: tailfeathers@juno.com
To: hhurst@delanet.com
Cc: qrp-l@Lehigh.EDU
Subject: [75527] Re: Wattmeters
Message-ID: <20000721.084044.-4070107.1.tailfeathers@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

With the talk about watt meters I thought I would let you guys know about
the MFJ-816 meter. It is an HF watt meter with a 300/30 watt settings.
I wanted it to drag back and forth to my truck when I am checking my
mobile antenna's. When I bought it I noticed it had an adjustable
settings knob that went past the 300 watt range to the left and past the
30 watt setting to the right. The 300 watt setting is at 10 o'clock and
the 30 watt setting is at 2 o'clock. It will adjust from about 7 o'clock
around to 5 o'clock.

I have never needed anything less than 30 watts until last fall when this

thing called qrp caught my attention. Well one night a buddy and were on 75m phone I decided to measure the range of the pot and calculate where to set it for a 3 watt reading. So we did and at about the 4 o'clock position it gives a 3 watt reading and I have checked it with 2 other meters. It will even go into the miliwatt range because when I built my SMK-1 it is what I used just to check for rf output. Its cheap, small, and has tick marks right down to 1 watt. I believe its 35.00 new and not to many people know about it.

Gary
n8gsj

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Try it today - there's no risk! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

Date: Fri, 21 Jul 2000 05:49:39 -0700 (PDT)
From: Curt Milton <wb8yyy@yahoo.com>
To: aweiss@usd.edu, qrp-l@Lehigh.EDU
Subject: [75528] Re: F00's on 30m!!
Message-ID: <20000721124939.28675.qmail@web2005.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Thanks for the posts! 30m is a blast as 10 MHz is a great spot (even during the sunspot min!) and with the limits (200w and few yagi's) everyone can be competitive. i work this band both at 100W and with my 38S (400 mW).

OH2BR sent out buro cards to everyone for his last operation (R1MVA) so expect one in about a year. yes he had a long journey there! he even took his own fuel for running his generator with him as this place only gets visited for mail and supplies about once a month, if that! a few here even caught vp6br on 6m !

RIT stories - my 38S is stock - no RIT. when a station is listening up - well i tune him the opposite sideband (about 12 dB down) and that let's me xmt 1.5 kHz up ! it works.

72, Curt WB8YYY

--- Adrian Weiss <aweiss@usd.edu> wrote:

> Hi gang:
>
> This is wierd. F00's coming out of the woodwork on
> 30m.
> 7/19 0432 F00CLA
> 7/20 0417 F00MOT
> 7/21 0457 F00PT
>
> All worked with 2w out of the SST to my G5RV fed
> with 450-ohm ladder
> line all the way up 48ft.
>
> One slight drawback with the SST -- no RIT. Soooo,
> gotta twist the
> dial back to the exact freq I called on when he
> finally responds to
> me! Talk about a challenge. F00MOT resent the rpt
> because I missed
> my original frequency!
>
> Adds a bit of challenge to working Polynesia on
> 30m!!
>
> I had this fantasy last night. An envelope arrives
> from the Zero-QSL
> bureau with 13 new countries in it....
>
> Just found out that VP6BR didn't get hom until late
> May, so no
> wonder he hasn't sent me a QSL!
>
> So, you all that are interested in trying 30m DX,
> start checking
> around 30m around 0400 -- freqs vary from 10.103 to
> 10.1095.
>
> 72, Ade

Do You Yahoo!?

Get Yahoo! Mail Free email you can access from anywhere!
<http://mail.yahoo.com/>

Date: Fri, 21 Jul 2000 09:15:28 -0400
From: "Edward A Kwik jr" <eakwikjr@hti.com>

To: QRP-L Discussion <qrp-l@Lehigh.EDU>
Subject: [75529] Solar Cycle
Message-ID: <39784CF0.728877CE@hti.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

There has been a lot of discussion about this cycle. Here is what happened to me last night. It started at 0100 when I checked into the New England QRP Net. Detroit to NE on 80 meters in the middle of summer is not too bad. I think all of the check ins could hear me and I had no problem with NCS WQ1RP or K1CL and W1PID.

Went up to 20 meters to see if I could get the fox. Lots of hounds from 7 land but no fox. So I went down to 14.02 to see how's the DX is doing. Heard IK4PLW calling CQ with no one answering. So I called. Got a 339 from Franco in Ravenna. Back to the fox. Still hounds but no fox. Went back down the band. Found AP2JZ calling and no takers. Gave him a call. Got at 339 from John for a new country. Went back to check on the fox. Still no fox but I hear LZ2RS calling CQ QRP with a real solid 579 signal and nobody answering him. I have worked Rumi before on 15 meters with both of us at QRP, but I was not sure I had on 20 meters. I just had to tell him about his great signal. We exchanged 579's and Rumi suggested that we reduce power. So we went from 5w to 1w to 500mw to 100mw with solid copy all the way. Rumi could not go any lower than 100mw but I tried 50mw and he still had Q5 copy. This is way cool. The two of us chatting away like a couple of QRO guys one at 100mw and the other at 50mw. Rumi was using a K2 and a HB 2 element beam. I used my old Ten Tec Triton IV into my only antenna a 105 ft dipole at 35 feet, center fed with window line, and tuned with a MFJ 971 QRP tuner.

Gotta go check the miles per watt but not to bad for this terrible solar cycle that we are suffering with. ;0)

72's

Ed AB8DF

Date: Fri, 21 Jul 2000 06:20:54 -0700
From: Bob Hightower <nk7m@extremezone.com>
To: paule@sfu.ca
Cc: qrp-l@lehigh.edu
Subject: [75530] Re: Bisquare vs Delta Loop?
Message-ID: <200007211316.GAA16166@enterprise.extremezone.com>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

At 09:56 PM 7/20/2000 -0700, you wrote:

>
> For some time, I have been interested in the Bisquare antenna, and
> attempted to put one up using my 50ft vertical as the centre support.
>
> My questions are these:
>
> 1 - is there any advantage to closing the gap at the top so I am running
> it as a full loop. If so, why.
>
> 2 - is there an advantage to my current situation over the loop, so I
> should just leave well enough alone?
>
> 3 - should I make provision via relay or what have you to be able to
> close the top in some circumstances, and open in others?

As I recall, an article on this antenna was published in QST about June of '99, just in time for FD. I built one, and used it that year. The article showed the antenna being fed from the bottom, I believe, with no provision for closing the loop. I got good results, tho it was a bit unwieldy and hard to rotate :^). Wanted to try it this year, but we decided to go for the mobile class instead.

I'd be interested in seeing any replies as well.

Bob Hightower NK7M
Chandler, AZ
SOC #20
K2 #157/255

<http://www.extremezone.com/~nk7m>

Date: Fri, 21 Jul 2000 09:15:41 -0400
From: "AI2Q Alex" <ai2q@ispchannel.com>
To: <tbowman@nbn.net>
Cc: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [75531] QST Index and rotten databases

Message-ID: <001001bff315\$c5a8cca0\$5c32a7d0@ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Tom:

What you're experiencing with the ARRL CD-ROM can also be a problem with other computer-based indexing systems. If you want to read an opinion about how computer indexing is ruining our local and national libraries as it supplants the Dewey Decimal System paper card-based file stacks, read Clifford Stohl's book "Silicon Snake Oil." He discusses the loss of funding for books as attention turns towards "technology," and the lack of serendipity when searching/researching.

By the way, the author of "Silicon Snake Oil" is a ham, and mentions Amateur Radio, homebrewing, and low power operation in the book, showing non-ham readers another way we have collectively de-evolved as computers become pervasive in our lives.

-- Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Tom Bowman
Sent: Friday, July 21, 2000 7:44 AM
To: Low Power Amateur Radio Discussion
Subject: OT: QST Index

Does anyone else share my frustration with the search engine in QST-View,
the CD-ROMs published by the League?

I have three of the QST CD collections - \$40 each - and each time
I try to find something in the collections I come away
swearing I will never
buy another until they improve their search.

This morning, I spent 35 minutes trying to find an article
and I knew the year
it was published. Still have not found it.

Has anyone found a way to work around their confusing,
under-powered search engine?

There must be a way to write an after-market program that searches all the article titles after they are installed on a hard drive.

The information in the CDs is great.
The reproduction is fair to good.
The ability to search for the information is about worthless.

73,

Tom, WA3REY

Date: Fri, 21 Jul 2000 09:32:11 -0400
From: "Franco, Nicholas J" <franco@bnl.gov>
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Cc: "'fpqrp@egroups.com'" <fpqrp@egroups.com>
Subject: [75532] FOX: Never Even Heard Him
Message-ID: <698DB793D712D31180B600902746422DFB48EF@exchange01.bnl.gov>
MIME-Version: 1.0
Content-Type: text/plain;
charset="windows-1252"

I listened up and down the 14.060 area for over an hour and never heard the Fox. I did catch a glimpse of some hounds here and there, but zip on El Foxo. I had to pick up my son at the train station and was able to catch the last 5 minutes of the hunt after returning. I thought at that time, I might have heard the Furry One, but way down under (sorry Ian). I never got to squeeze off a shot.

Oh Well - there's always Sunday :-)

72 oink,

Nick - kf2p . .

--
Nicholas J. Franco <>< BROOKHAVEN NATIONAL LABORATORY
Systems Administrator Collider-Accelerator Department
Tel: (516) 344-5467 UPTON, NY 11973-5000

Fax: (516) 344-2833
<mailto:nickf@bnl.gov>

Ham Call: KF2P
<<http://www.rhichome.bnl.gov/People/franco>>

Date: Fri, 21 Jul 2000 09:35:14 -0400
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
To: "'tbowman@nbn.net'" <tbowman@nbn.net>, Low Power Amateur Radio Discussion
<qrp-l@Lehigh.EDU>
Subject: [75533] RE: QST Index
Message-ID: <125490A005E3D3118C9C00805FC743CCB2C0F8@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I haven't used the search capability on the CD ROMS much. Unfortunately, QST tends to like "cute" titles that can make it hard to find articles later. If someone remembered an article about a big tower, who would think to look for "Mid-Michigan Skyhook."

Give the search engine at:

<http://www.arrl.org/members-only/qqnsearch.html>

a try. The ARRL TIS has added keywords to many articles, so if you type in a subject word (look over the keyword list) and the year, it might make it easier to find.

If memory serves, the QST indices are in ascii somewhere on the ARRL Web page; if you know the year, you can either use your favorite editor to search them or a program like GREP, etc. But the search engine I cited above should do as good a job on any word in the title, or a keyword (entered into the title/keyword box) as would a separate search program.

If you let me know what article you are looking for, perhaps I can help you find it.

73,
Ed Hare, W1RFI
ARRL Laboratory Supervisor
225 Main St
Newington, CT 06111
Tel: 860-594-0318
FAX: 860-594-0259
Internet: w1rfi@arrl.org
ARRL Web: <http://www.arrl.org>
ARRL Technical Information Service: <http://www.arrl.org/tis/>

> -----Original Message-----

> From: Tom Bowman [mailto:tbowman@nbn.net]

> Sent: Friday, July 21, 2000 7:44 AM

> To: Low Power Amateur Radio Discussion

> Subject: OT: QST Index

>

>

> Does anyone else share my frustration with the search engine
> in QST-View,
> the CD-ROMs published by the League?

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> article titles after they are installed on a hard drive.

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> The information in the CDs is great.
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>

> 73,

>

> Tom, WA3REY

>

>

>

>

>

>

>

Date: Fri, 21 Jul 2000 09:47:30 -0400
From: "Franco, Nicholas J" <franco@bnl.gov>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Cc: "'fpqrp@egroups.com'" <fpqrp@egroups.com>
Subject: [75534] Wattmeter - Feeling Better
Message-ID: <698DB793D712D31180B600902746422DFB48F0@exchange01.bnl.gov>
MIME-Version: 1.0
Content-Type: text/plain;
charset="windows-1252"

OK - I read the whole article in QST last night. The night before I must have just looked at the pictures :-)

So it seems that I have to come up with pot settings for various power levels in order for the Wattmeter to maintain accuracy. Son of a gun - it works! I came up with a 200uA meter movement and was able to calibrate two settings. I figured I only really care about accuracy in the 0 - 2 Watt range. Anything QRO (2-5W) I can use other means to guesstimate.

I seem to now have one setting for 0- .5 or so watts and another for 0-2W. I tried these two settings on all my little toys and it appears to be accurate and consistent with my calculated measurements. So maybe we don't have to spend a lot for that muffler (I mean Wattmeter).

Give it try!

72 oink!

Nick - kf2p . .

--
Nicholas J. Franco <>> BROOKHAVEN NATIONAL LABORATORY
Systems Administrator Collider-Accelerator Department
Tel: (516) 344-5467 UPTON, NY 11973-5000
Fax: (516) 344-2833 Ham Call: KF2P
<mailto:nickf@bnl.gov> <<http://www.rhichome.bnl.gov/People/franco>>

Date: Fri, 21 Jul 2000 09:54:45 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: tbowman@nbn.net
Cc: QRP-L@lehigh.edu
Subject: [75535] Re: OT: QST Index
Message-ID: <39785625.46EE@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Tom,

The League has very little to do with the search engine. The QST CD-ROMs, and I have 7 or 8 of them, were produced by Radio Era Archives, in Texas. The League provided the magazines and some advertising, and I suspect limited editorial influence.

I have not personally had much trouble with the search feature, but that is probably because I don't use it! I printed out the individual year indices, they appear every December. I made up a notebook containing them and can find any article published pretty easily!

The indices, by the way, follow the QST standard of slightly mixed up categories! There isn't much help for that!

73

Date: Fri, 21 Jul 2000 09:59:31 -0400
From: "Pastor-KC1DI" <elbc@pivot.net>
To: <paule@sfu.ca>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [75536] Re: Bisquare vs Delta Loop?
Message-ID: <001401bfff31b\$e57cef60\$d910a1d0@elbc>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: <paule@sfu.ca>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, July 21, 2000 12:56 AM
Subject: Bisquare vs Delta Loop?

> For some time, I have been interested in the Bisquare antenna, and
> attempted to put one up using my 50ft vertical as the centre support.
> The final configuration looks more like a Delta loop, with the top
> open. I forget the exact length of each element, but that is irrelevant
> for this discussion. Suffice it to say, that I have up as much wire in
> each element as the physical space will allow. The antenna is fed with
> a short length of 300ohm twinlead to a choke balun, and is force fed
> with the antenna tuner in my K2. On 20 meters and up, the loop/bisquare
> is generally 2 sunits better than the vertical. On 30meters and lower

> the vertical usually wins.
>
> My questions are these:
>
> 1 - is there any advantage to closing the gap at the top so I am running
> it as a full loop. If so, why.
>
> 2 - is there an advantage to my current situation over the loop, so I
> should just leave well enough alone?
>
> 3 - should I make provision via relay or what have you to be able to
> close the top in some circumstances, and open in others?
>
>
> Thanks in advance.
>
> cheers, Paul - VA7NT - email: paule@sfu.ca

Hi Paul,

The only advantage that you will see is on the fundamental frequency . That is the Frequency where the loop would be close to 1 wavelength in circumference. on all frequencies above that you will develop high angle radiation that won't do well for DX
73 Dave

Date: Fri, 21 Jul 2000 09:02:47 -0500
From: Gary Phillips KA9NZI <ka9nzi@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [75537] Re: Want to go "Retro"
Message-ID: <39785807.AA57D143@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A fair number of regens have been on eBay lately. Some homebrew jobs sold for less than \$20 and looked to be very well made. I've seen a GR-81, don't know if it is gone yet, as well as a couple of Knight-kit versions (Ocean Hopper and World Spanner I think they were.) Seems to me, if you want a regen, it's pretty easy to build your own, too. Kits are still available. I remember a couple of good articles in 73 Magazine mid to late 80s that described putting a regen together from parts taken from a tube type AM BC receiver. Antique Electronic Supply has kits and lots of books on the subject.

The glowbugs list would be a good source of help/advice too.

--Gary KA9NZI
ka9nzi@arrl.net

Date: Fri, 21 Jul 2000 09:03:53 -0700
From: "Pat Cain, K0PC" <pcain@netscape.net>
To: tbowman@nbn.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [75538] Re: OT: QST Index
Message-ID: <4.2.0.58.20000721090127.00a25d10@pop.isd.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Tom,
I find the search engine on the ARRL web site is much better. Use the index
in the Technical Information Section (TIS).

<http://www.arrl.org/members-only/qqnsearch.html>

I hope this helps.

73,
Pat K0PC

At 07:44 AM 7/21/00 -0400, Tom Bowman wrote:
>Does anyone else share my frustration with the search engine
>in QST-View,
>the CD-ROMs published by the League?

Date: Fri, 21 Jul 2000 09:13:40 -0500
From: Gary Phillips KA9NZI <ka9nzi@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [75539] Re: OT: QST Index
Message-ID: <39785A94.D13AFAAF@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I don't have the CDs, so can't comment on them. However, there
is a good index to all of QST (back to 1915) as well as QEX on
the League members-only web site. If having the exact issue and

page number makes it easier to find the article on the CD, then this would be the route to take.

I missed this index at first. When you sign into the site, you need to scroll down quite a ways, past all the promotion about renewing online etc. before you get to the link. But once you find it, it works great.

--Gary KA9NZI
ka9nzi@arrl.net

Date: Fri, 21 Jul 2000 06:16:12 -0700
From: Paul Erickson <paule@sfu.ca>
To: Pastor-KC1DI <elbc@pivot.net>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [75540] Re: Bisquare vs Delta Loop?
Message-ID: <39784D1C.A74251A4@sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> Hi Paul,
>
> The only advantage that you will see is on the fundamental frequency . That
> is the Frequency where the loop would be close to 1 wavelength in
> circumference. on all frequencies above that you will develop high angle
> radiation that won't do well for DX
> 73 Dave
Hi Dave,

That is helpful information, thanks very much. Now, to facilitate closing the loop on the fundamental frequency, one could obviously do a relay at the top, but could one run a length of twin lead from the top to a practical height to allow a manual switch? What effect would that have on the overall system resonance?

--
cheers, Paul - VA7NT (ex VE7CQK) - email: paule@sfu.ca

"Those who hear not the music, think the dancers mad..."

Date: Fri, 21 Jul 2000 07:20:05 -0700 (PDT)
From: Curt Milton <wb8yyy@yahoo.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [75541] Re: Wattmeters - MFJ
Message-ID: <20000721142005.1825.qmail@web2004.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

If its packaged like i think it is, it is probably similar to the VHF wattmeter/vswr meter i picked up cheap at a hamfest. this one has pushbutton switches and one of mine is intermittant. as a result - i opted for the TenTec kit so i could have a decent wattmeter for my 6 and 2m. operations.

the meter movement on this thing is nicely marked - that's its main attribute. so if i junk this thing i may adapt it into a HB QRP wattmeter.

Except for the meter movement markings, and the smaller size of the MFJ - i think the TenTec 1202 is a better value. but i have not done detailed testing to confirm this.

Curt WB8YYY

--- tailfeathers@juno.com wrote:
> With the talk about watt meters I thought I would
> let you guys know about
> the MFJ-816 meter. It is an HF watt meter with a
> 300/30 watt settings.
> I wanted it to drag back and forth to my truck when
> I am checking my
> mobile antenna's. When I bought it I noticed it had
> an adjustable
> settings knob that went past the 300 watt range to
> the left and past the
> 30 watt setting to the right. The 300 watt setting
> is at 10 o'clock and
> the 30 watt setting is at 2 o'clock. It will adjust
> from about 7 o'clock
> around to 5 o'clock.
>
> I have never needed anything less than 30 watts
> until last fall when this
> thing called qrp caught my attention. Well one
> night a buddy and were on
> 75m phone I decided to measure the range of the pot
> and calculate where
> to set it for a 3 watt reading. So we did and at

> about the 4 o'clock
> position it gives a 3 watt reading and I have
> checked it with 2 other
> meters. It will even go into the miliwatt range
> because when I built my
> SMK-1 it is what I used just to check for rf output.
> Its cheap, small,
> and has tick marks right down to 1 watt. I believe
> its 35.00 new and not
> to many people know about it.
> Gary
> n8gsj
>

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Date: Fri, 21 Jul 2000 09:15:48 -0500
From: "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
To: "'tbowman@nbn.net'" <tbowman@nbn.net>, Low Power Amateur Radio Discussion
<qrp-1@Lehigh.EDU>
Subject: [75542] RE: QST Index
Message-ID:
<4734702CFA3CD411A74A00805F57A3B703E3F342@dfwex01.allegiancetelecom.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I have to agree with you, Tom, about the "QST-View" *search engine* ; it's
the absolute
worst I've ever encountered to try and find material in the QST CD-ROMs!!!
I haven't yet
found (or taken the time) a way to work around it, either!

Karl K - W8TIF
McKinney, Texas

-----Original Message-----

From: Tom Bowman [SMTP:tbowman@nbn.net]
Sent: Friday, July 21, 2000 6:44 AM
To: Low Power Amateur Radio Discussion
Subject: OT: QST Index

Does anyone else share my frustration with the search engine
in QST-View,
the CD-ROMs published by the League?

I have three of the QST CD collections - \$40 each - and each
time
I try to find something in the collections I come away
swearing I will never
buy another until they improve their search.

This morning, I spent 35 minutes trying to find an article
and I knew the year
it was published. Still have not found it.

Has anyone found a way to work around their confusing,
under-powered search engine?

There must be a way to write an after-market program that
searches all the
article titles after they are installed on a hard drive.

The information in the CDs is great.
The reproduction is fair to good.
The ability to search for the information is about
worthless.

73,

Tom, WA3REY

Date: Fri, 21 Jul 2000 07:31:49 -0700 (PDT)
From: Curt Milton <wb8yyy@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [75543] Re: Ten Tec 1202 Power Meter
Message-ID: <20000721143149.19022.qmail@web2002.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

yes this thing would be better with more markings on the meter ... has anybody had any experience with surgery to open the meter, and to neatly make additional tick marks onto it? i guess linear interpolation makes the most sense for those of us who want to casually know our power? any thoughts on what to use to make neat tick marks? is anyone aware of a fine point permanant marker?

i think i will build a HB QRP/QRPP power sensor per W7ZOI et. al. instructions just to have something a little more accurate available. but overall my thought is to be more accurate in determing our operating power, it should be measured in an in-line versus a dummy loaded wattmeter. of course we are focusing in on how much power we are delivering to the transmission line - not how much we are delivering to the radiator. since i am using a short run of ladder line i am not too concerned about a few 10ths of a dB here. but i am curious from time to time what my QRP rigs are outputting.

73 and 72, Curt WB8YYY

--- tailfeathers@juno.com wrote:

> I bought the 1202 at Dayton and built it a few weeks
> ago. Its a very
> nice swr/wattmeter for the money and I also bought a
> peak reading kit
> from Hi-Res communications to put in it but haven't
> got it in there yet.
> The meter in it was a little disappointing but maybe
> there is a better
> one out there somewhere. I even put a light in
> mine.....

>

> Gary

> n8gsj

>

> On Fri, 21 Jul 2000 01:12:51 -0400 Richard Arland

> <k7sz@epix.net> writes:

> >

> >

> > Stuart Rohre wrote:

> >

> > > For \$50 I am willing to interpolate, or use a
> protractor and
> > scribe some more
> > > meter marks on the scale. It is an outstanding
> value in a
> > kit.....
> >
> > Right on!!!
> >
> > This is the main reason I chose this kit in place
> of the WM-2 or a
> > commercial wattmeter for inclusion into August QRP
> Power.
> >
> > Now, there is absolutely nothing wrong with the
> Oak Hills WM-2 or
> > the
> > Diamond SWR/Pwr meters...but the cost certainly is
> higher. And,
> > after
> > all, seldom do we REALLY need lab grade test
> equipment for this
> > hobby.
> > (The key word here, folks, is H-O-B-B-Y.)
> >
> > I did test the Radio Shack SWR/Pwr meter (21-534)
> that lists for
> > about
> > \$30. While it looks nice, it is frequency
> sensitive.....aled it for
> > 5
> > watts FS on 80 meters and at 10 meters it was off
> scale!!!
> > Definitely
> > not what we need in a piece of test gear. I may do
> some more
> > experimentation with this unit and find out if
> there is a simple,
> > cost
> > effective way to improve the calibration. For \$30
> it would be a nice
> > (and cheap) addition to the shack, if it can be
> made to work
> > properly
> > across the HF spectrum.
> >
> > 73 Rich K7SZ
>

>

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Date: Fri, 21 Jul 2000 07:58:58 -0700
From: Bob Hightower <nk7m@extremezone.com>
To: qrp-l@lehigh.edu
Subject: [75544] Noise Generator
Message-ID: <200007211454.HAA07877@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Tom Hammond, N0SS, has designed a broad-band noise generator which will assist greatly in the setting of filters for the K2. Using this generator, and his instructions on setting the filters, you can easily accomplish this, as often as needed, or as often as you want.

I have used Spectrogram several times to set the filters, but never had been quite satisfied with the results. It's a bit hard to get it just right when using an on-air signal.

Built one of the critters last night, and tried it out. Connected a small slide switch to the power connections, and a BNC connector to the output, fed it into the rig, set up GRAM50, and, lo and behold, a great looking signal for setting up filters. Played with it for quite a while, and found it very easy to tweak the filters with this board, and Tom's instructions. I think I'll put it in a box along with my AF signal generator for a compact bit of test equipment.

The AZ ScQRPions, with Tom's permission, have had the boards made, and are in the process of kitting the device. Whether you have one of the early SN's, or are just getting/thinking about getting a K2, this little kit will make life a lot easier and keep your rig in top shape. We hope to have the kits ready for Tuthill (man, only a week away!), and take orders shortly after that.

Watch for more information.

Bob Hightower NK7M
Chandler, AZ
SOC #20
K2 #157/255

<http://www.extremezone.com/~nk7m>

Date: Fri, 21 Jul 2000 10:59:12 EDT
From: Drbob92031@aol.com
To: qrp-1@lehigh.edu
Subject: [75545] bisquare /delta loops
Message-ID: <a4.765e026.26a9bf40@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I can only report on my seat of the pants experience with a H.B. delta loop. It was a complete wavelength on 20 M. the base was up and the apex down at about 7 ft. from the ground. Apex was open and before I read the literature I opened the apex and fed it directly with 50 Ohm coax. The feed point remained opened; the legs forming the apex were not joined. This d-loop was not rotatable and it stayed up many years and provided good service. I later read in the literature that D-loops should not be directly fed in that manner. Go figure.

72 de WA2EAW..Bob

Date: Fri, 21 Jul 2000 10:51:31 -0500
From: "George , W5YR" <w5yr@att.net>
To: paule@sfu.ca
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [75546] Re: Bisquare vs Delta Loop?
Message-ID: <39787183.8F09766B@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

How about a 1/4-wave switching stub - no cost, no relay. Otherwise, the "extension cord" you propose to get from the top to a lower relay is part

of the antenna system and will have an effect.

72/73, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 54th year and it just keeps getting better!
R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556
(12/99)

Paul Erickson wrote:

> That is helpful information, thanks very much. Now, to facilitate
> closing the loop on the fundamental frequency, one could obviously
> do a relay at the top, but could one run a length of twin lead
> from the top to a practical height to allow a manual switch?
> What effect would that have on the overall system resonance?

Date: Fri, 21 Jul 2000 12:07:24 -0400
From: Ken Newman <N2CQ@citnet.com>
To: QRP-L@lehigh.edu, njqrp@njqrp.org
Subject: [75547] CONTESTING: QRP Contesting - This Weekend
Message-ID: <3.0.6.32.20000721120724.007d2e40@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

~~~~~  
QRP CONTEST CALENDAR

July 22/23, 2000

~~~~~  
Georgia QSO Party (CW/SSB) ... QRP Category

Jul 22 - 1800z to Jul 23 - 0359z
Jul 23 - 1400z to Jul 23 - 2359z

Rules: <http://secc.contesting.com/GaQsoParty.htm>

~~~~~  
AND LATER.....  
~~~~~


THE GREAT FT TUTHILL TUNA TIN 2 SPRINT (CW) ... QRP Contest!

Jul 29 - 2000z to 2400z

Rules: QRP-L of July 15, 2000 or contact nk7m@extremezone.com

~~~~~  
Flight of the Bumblebees (CW) ... QRP Contest!

Jul 30 - 1700z to 2100z

Rules: [http://www.natworld.com/ars/pages/bumblebees/bb\\_rules.html](http://www.natworld.com/ars/pages/bumblebees/bb_rules.html)

~~~~~  
72 de

Ken Newman - N2CQ

Woodbury, NJ

N2CQ@ARRL.NET

== QRP CONTEST CALENDAR ==

<http://www.njqrp.org/data/contesting.html>

Date: Fri, 21 Jul 2000 09:28:01 -0700

From: Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>

To: "'mutabut@net66.com'" <mutabut@net66.com>, "'qrpl'" <qrpl@Lehigh.EDU>

Subject: [75548] Re: Problem with SW40+

Message-ID: <87568F78ABDCD211A0AC0008C707718B029D0F7C@az10exm03.sat.mot.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Hi Terry!

> My sw40+ has a birdie in it. The
>Arrl Handbook troubleshooting section
>doesn't call anything a Birdie. Maybe
>it has a more technical name? The
>question: How do I find and resolve a
>Birdie. It seems to be at audio level
>and doesn't ever move around any.

There is not much that can be done about
a birdie. This is a the Nth harmonic of

the VFO + or - the Mth harmonic of the IF. With a few calculations you could figure out what M and N is for your birdie.

Since it is the mixer naturally generates lots of harmonics, better filtering of the input VFO or product detector signals will ****not**** help.

The only solution is to change the frequency of the VFO, crystal filter strip, and BFO to move these spurs to someplace outside of your range of interest. This is not an easy task when you are trying to make use of commonly available, affordable crystals.

Now if you want run some calculations, and order custom crystals for your bfo and crystal filter strip (\$25-\$50) and retune your VFO, you can get around the problem.

I am working on yet another 40m transceiver for the Ft Tuthill fest and high order spurs seem to be just a way of life when using available crystals and high speed digital logic. The good news is they are down far enough that they seem to get buried in the normal 40m noise.

Oh, well.....

Dan Tayloe, N7VE; Phoenix, Az; Az ScQRPions

>Am I
>looking for a solder bridge or is this
>more likely to be a defective component
>situation. Test tools here are a DMM
>and an analog VOM and two Rf sniffers
>made during the building of a couple of
>kits. I also have a Logic probe if that
>would help.

Date: Fri, 21 Jul 2000 11:29:54 -0500
From: "George , W5YR" <w5yr@att.net>
To: Paul Erickson <pauale@sfu.ca>

Subject: [75549] Re: Bisquare vs Delta Loop?
Message-ID: <39787A82.9577E606@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

You can find the details in the Antenna Book, but the idea is that is you connect a 1/4-wave length (at your fundamental frequency) of 300-ohm line (electrical 1/4-wave so figure in the Vp) to the open terminals of your antenna and leave the "other end" of the stub open-circuited, then when in the near field of the antenna on the fundamental frequency, the open-circuit at the end is reflected as a short circuit at the antenna end. At the second-harmonic, the stub is 1/2-wave long so the open end reflects as an open circuit and has no effect.

These are widely used in multi-band antennas to perform various switching tasks.

72/73, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 54th year and it just keeps getting better!
R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556
(12/99)

Paul Erickson wrote:

>

> Can you describe it in a bit more detail

Date: Fri, 21 Jul 2000 10:00:42 -0700
From: Jim/Julia <w7ls@blarg.net>
To: nk7m@extremezone.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [75550] Re: Noise Generator: You may already own one!
Message-ID: <397881B9.4CB04D48@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

If you have a noise bridge, like the Omega or Palomar, for instance, they contain a noise generator, already. Just hook coax up to the coax connector and voila, noise generator. It's not flat response, but many times, it's quite good enough. Jim W7LS

Bob Hightower wrote:

> Tom Hammond, N0SS, has designed a broad-band noise generator which will
> assist greatly in the setting of filters for the K2. Using this generator,
> and his instructions on setting the filters, you can easily accomplish
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> after that.
>
> Watch for more information.
>
> Bob Hightower NK7M
> Chandler, AZ
> SOC #20
> K2 #157/255
>
> <http://www.extremezone.com/~nk7m>

Date: Fri, 21 Jul 2000 13:15:42 -0400
From: Pete Burbank <plburbank@kih.net>
To: <qrp-l@lehigh.EDU>
Subject: [75551] Fox QRM
Message-ID: <3.0.32.20000721131229.00740fc4@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gangue,
Many of you are also FIST members. The QRP frequency is close
nearby and often there is a conflict or confusion resulting
from the activity. I'm not a fist member but applaud the
concept. The reason I'm not a member is the mindset about

numbers. I could expand on this ad nauseum but 'nuf said.
To get to the point...
Could we post QRP activity and times to the Fist Web to keep
QRO Nimrod #flebenty seven off the QRP frequency? Just out of
common courtesy? Or possibly entice the OP to turn the power knob
down and join the pile of yelping hounds.
I repeat...I applaud the Fist concept so don't bother with flames.
IDEAS????
73/72/es 88 to the YLs
Pete NV4V

Date: Fri, 21 Jul 2000 13:33:37 -0400
From: Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
To: qrp-1@Lehigh.EDU
Subject: [75552] Weird propagation
Message-ID: <v03110700b59e3609ba14@[132.235.81.133]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi all,

I'm just setting here at work listening to Eastern New Mexico
University radio on 89.5 FM. "So what?!" you say. Well, I'm in Athens
Ohio. That signal is overpowering local WCVV 89.5 out of Belpre, OH only
22 miles away from me. Wild propagation.....

6 meters must be really jumping now! Wish I was home where I could
find out! Me with my new 6 Mtr QRP xverter too! Arrrrgggggg...

NS80

Date: Fri, 21 Jul 2000 14:01:14 -0400
From: "Richard Brummer, K2JQ" <k2jq@bestweb.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [75553] Re: Where did NJQRP go?
Message-ID: <011d01bff33d\$a9ccf740\$5a01b3d8@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Seems like NJ QRP is back on www.njqrp.org

I have been able to access the site with no problem.

73,
Dick K2JQ

Date: Fri, 21 Jul 2000 13:21:58 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [75554] FB40 on 7.040
Message-ID: <200007211759.NAA28990@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

There is no "standard" osc freq which will put the FB40 on 7.040.
However, for \$3.33 you can buy a custom programmed osc from
Digi-Key. Order the SG-8002-DB-PHC-ND and ask to have it programmed
to 28.160000 Mhz. (7.04 X 4)

Of course, they have a \$25 min order or pay a \$5.00 service charge,
so you'll have to stock up on some other stuff too...

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Fri, 21 Jul 2000 14:02:46 EDT
From: ARDUJENSKI@aol.com
To: qrp-l@lehigh.edu
Subject: [75555] RAMBLINGS: Novic Frequencies
Message-ID: <72.15c9486.26a9ea46@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I frequent the novice bands to find fellow slow brass pounders and have noted
that these bands seem generally abandoned. It is too bad most QRP rigs are
frequency limited because it might be nice to use these open airwaves. alan
kb7mbi

Date: Fri, 21 Jul 2000 14:04:19 -0400
From: "Lau, Zack, W1VT" <zlau@arrl.org>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [75556] Re: This has got to be the worst solar cycle!
Message-ID: <125490A005E3D3118C9C00805FC743CC8D9B7A@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

<http://www.sunspotcycle.com/>
NASA page on sunspots

High sunspot activity is a bit of a conundrum for 2xQRP work.
10M propagation isn't terribly useful if few stations have gear--though
rigs like the K2 are changing this.

I've done quite well at sunspot minimums. The 1997/1998 G-QRP Winter
Sports was great for me, despite the low solar activity. I had 177 2XQRP
contacts with Eu/Africa--33 countries worldwide. Similarly, I did quite well

in the 1986 Phone WPX on 10M, despite the absence of sunspots.--Zack Lau
W1VT

Date: Fri, 21 Jul 2000 14:18:43 EDT
From: ECatlinN5mzxqrp@aol.com
To: qrp-1@lehigh.edu
Subject: [75557] Latin for Less Power More Fun
Message-ID: <7a.7ef4cff.26a9ee03@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

can someone send me the latin for this. It was posted some time ago and I
lost my copy. I want to put on my QSL card

73/72
Ev N5MZX

Date: Fri, 21 Jul 2000 13:19:42 -0500
From: Mike <mmorrow@companet.net>
To: ARDUJENSKI@aol.com
Cc: qrp-1@lehigh.edu
Subject: [75558] Re: RAMBLINGS: Novice Frequencies
Message-ID: <3978943E.515F@companet.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

ARDUJENSKI@aol.com wrote:

>

> I frequent the novice bands to find fellow slow brass pounders and have noted
> that these bands seem generally abandoned. It is too bad most QRP rigs are
> frequency limited because it might be nice to use these open airwaves. alan
> kb7mbi

That's the beauty of Small Wonder Labs's DSW-series. They go anywhere
with crystal-like stability when you get to where you want to go!

Whenever the DSW, or its next generation, becomes available again, it'll
be no problem getting into the novice segment. In fact, later DSW-40s
boot up on 7.110 instead of 7.040 MHz if the RIT switch is on at power
up.

If Dave Benson ever produces a 15 meter version (hope hope), you'd be
able to roam the entire generous CW segment of that band.

73,

Mike / KK5F

Date: Fri, 21 Jul 2000 14:22:25 EDT
From: ARDUJENSKI@aol.com
To: mmorrow@companet.net
Cc: qrp-1@lehigh.edu
Subject: [75559] Re: RAMBLINGS: Novice Frequencies
Message-ID: <24.811970f.26a9eee1@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 7/21/00 11:19:39 AM Pacific Daylight Time,
mmorrow@companet.net writes:

<< That's the beauty of Small Wonder Labs's DSW-series. They go anywhere
with crystal-like stability when you get to where you want to go!

>>

Mike,

Thats why I love the EMTECH --(smile) alan kb7mbi

Date: Fri, 21 Jul 2000 13:16:04 -0500
From: "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
To: "'weinfurt@oak.cats.ohiou.edu'" <weinfurt@oak.cats.ohiou.edu>, Low Power
Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [75560] RE: Weird propagation
Message-ID:
<4734702CFA3CD411A74A00805F57A3B703E3F345@dfwex01.allegiancetelecom.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I was hearing similar multi-station/multi-path propagation on my car radio
(FM) this morning on the way to work at about 0700 Texas time. I was moving
at a pretty good clip, so couldn't stop to ferret-out best positions to null
local stations so I could hear the DX ones.

Like you, I wanted to be home on my 2M SSB rig to work the world!

Karl K. - W8TIF
McKinney, Texas

-----Original Message-----

From: Greg Weinfurtner [SMTP:weinfurt@oak.cats.ohiou.edu]
Sent: Friday, July 21, 2000 12:34 PM
To: Low Power Amateur Radio Discussion
Subject: Weird propagation

Hi all,

I'm just setting here at work listening to Eastern New Mexico
University radio on 89.5 FM. "So what?!" you say. Well, I'm in Athens
Ohio. That signal is overpowering local WCVV 89.5 out of Belpre, OH only
22 miles away from me. Wild propagation.....

6 meters must be really jumping now! Wish I was home where I could
find out! Me with my new 6 Mtr QRP xverter too! Arrrgggggg...

NS80

Date: Fri, 21 Jul 2000 13:33:37 -0500
From: Gary Phillips <ka9nzi@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [75561] Re: RAMBLINGS: Novic Frequencies
Message-ID: <39789781.AFA580C3@arrl.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

40 m. novice subband is subject to terrific foreign broadcast QRM. But for the other bands, you're largely right. 15 m. novice freqs are great for QRP when the band is open, and even good for some DX. No, all DX stations don't hide in that bottom 25 kHz.

FISTS has a "Slow chat" frequency at 21.158 though I have yet to find much activity there.

10 m. should be great these days, but the whole band seems to have been left to the illegal operators for some reason. Nobody there but the beacons whenever I've listened (or called, for that matter.)

There used to be novice/tech QRP calling frequencies to parallel the regular .060 ones. I assume they are still published even if not getting much use. If I recall correctly, they would be 10 kHz above the bottom edge of the novice subband. (For example, 21.110 or 7.010.)

--Gary KA9NZI
ka9nzi@arrl.net

Date: Fri, 21 Jul 2000 14:35:16 -0400
From: Pete Burbank <plburbank@kih.net>
To: <qrp-l@lehigh.EDU>
Subject: [75562] Wattmeter thoughts
Message-ID: <3.0.32.20000721142654.00740eb4@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I was curious why Peltier diodes are not used in wattmeters so mounted one in a diecast box with a heat sink on the back. SO-239s in and out through a 5 ohm carbon resistor. It turned into an exercise in thermodynamics $Q=UA\Delta T$ so isolated the resistor with SS wire...another 5 ohms. Got sidetracked with other projects but would like to complete this one. I thought I'd toss this out to the collective intelligence of this group before I wrap it up with a meter etc. It seems like a dirt simple way to measure power but for sure would need to keep track of the ambient temperature.

73 Pete NV4V

IC1(P1)(P3)(SS)

"Warm and dry in the engine room" for all the pigboat guys on the list.

Date: Fri, 21 Jul 2000 11:34:10 -0700
From: Andreas Junge <andreas@OpenGrid.Com>
To: ARDUJENSKI@aol.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [75563] RE: RAMBLINGS: Novic Frequencies
Message-ID: <E5759E504187D311B0CF00C04F60ADCD2C7874@galaxy.opengrid.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Alan,

the NC40a from Wilderness Radio also can be used on the 40M novice band.

BTW, my first CW QSO ever was on 3710, CW, Novice/Tech Plus, QRP about two years ago. I never had trouble finding somebody to chat with in the Novice bands. I even worked South Korea on 15M.

Andreas, N6NU

Menlo Park, CA (CM87VK)

> -----Original Message-----
> From: ARDUJENSKI@aol.com [mailto:ARDUJENSKI@aol.com]
> Sent: Friday, July 21, 2000 11:03 AM
> To: Low Power Amateur Radio Discussion
> Subject: RAMBLINGS: Novic Frequencies
>
>
> I frequent the novice bands to find fellow slow brass
> pounders and have noted
> that these bands seem generally abandoned. It is too bad most
> QRP rigs are
> frequency limited because it might be nice to use these open
> airwaves. alan
> kb7mbi
>

Date: Fri, 21 Jul 2000 11:33:41 -0700 (PDT)
From: Curt Milton <wb8yyy@yahoo.com>

To: weinfurt@oak.cats.ohiou.edu, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [75564] Re: Weird propagation
Message-ID: <20000721183341.26695.qmail@web2002.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Wow - darn! sounds like VHF sporadic E ! last summer
I worked Oklahoma on 2m from Maryland - and the DX
vets were making dozens of QSO's during this opening.
check out 2m as well ! my vhf station:

6m TenTec Xvrtr barefoot 8w into 2 el quad
2m TenTec Xvrtr into 35w brick into small beam

Curt WB8YYY

--- Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
wrote:
> Hi all,
> I'm just setting here at work listening to Eastern
> New Mexico
> University radio on 89.5 FM. "So what?!" you say.
> Well, I'm in Athens
> Ohio. That signal is overpowering local WCVV 89.5
> out of Belpre, OH only
> 22 miles away from me. Wild propagation.....
>
> 6 meters must be really jumping now! Wish I was
> home where I could
> find out! Me with my new 6 Mtr QRP xverter too!
> Arrrggggggg...
>
> NS80
>
>

Do You Yahoo!?
Get Yahoo! Mail Free email you can access from anywhere!
<http://mail.yahoo.com/>

Date: Fri, 21 Jul 2000 13:05:39 -0700
From: Adrian Weiss <aweiss@usd.edu>
To: qrp-1@lehigh.edu

Subject: [75565] RE: Hot Dawgggg!! Wheehaaaaah! #100!!!
Message-ID: <3978AD13.308E@usd.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi gang:

I didn't need 13 new ones -- ONE was enuf!!

T97M Bosnia-Herzegovina came thru today for #100 QSL for my 30m DXCC!!! Oddly enough this was a very recent QSO (Apr 29,00). I just goes to show that you have to keep working them and QSL'ing even when you've passed the 100-worked mark!

Everyone can breathe a sigh of relief -- no more of these bandwidth-robbing exclamatory outbursts from ol'WORSP.

Actually, hard to believe .. on 30m .. about 20 of the 100 with the SST at 2 watts!

QSL'ing began 12/5/99. All QSL's direct with IRC's SASE's. 8 months.

72, Ade

Date: Fri, 21 Jul 2000 14:40:30 EDT
From: K1DXradio@aol.com
To: qrp-1@lehigh.edu
Subject: [75566] Re: OT: QST Index
Message-ID: <c8.7de4ed8.26a9f31e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I have the complete set of QST CDs, and it truly is a frustration to use. The ARRL is absolutely brain-dead when it comes to software. They are back in the DOS 3.2 and Commodore 64 days, in my opinion. What WOULD work fb is an alphanumeric listing of each index; W6TOY has the right idea. But I'd like a text file that I could search with an editor and see the year the article belongs to. I sent email to the ARRL, but they do not respond well to constructive criticism. What they need is to humble themselves and hire a person who knows what the heck he/she is doing when it comes to useful software. As for the CD images, they are just scans, but quite useful as-is, if you can find what you want. 72 - George

Date: Fri, 21 Jul 2000 11:44:29 -0700 (PDT)
From: Curt Milton <wb8yyy@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [75567] Re: RAMBLINGS: Novice Frequencies
Message-ID: <20000721184429.20674.qmail@web2001.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

These traditional slow speed band segments used to be occupied by novices, tech pluses and lots of folks with higher class calls who enjoyed the slower pace. I admit i have not been there much lately myself. last sunspot cycle there was lots of CW op's in the 21.1-21.2 window, including many DX stations working these lower class licensees. i guess since the general class license is now the entry level - we all can now operate on "main street" in the general class segments. but i hope we maintain some form of "learners permit" CW band segments or "slow lanes" away from high speed conjection. we don't need 50-100 kHz necessarily - but encouraging low speed op's on 3675-3700, 7100-7125, 21100 - 21150 is a good thing and should be preserved in our band plans as the Novice and Tech Pluses are phased out by their eventual upgrades.

not long ago i remember a k1zz editorial lamenting not enuff "bad" CW being heard on the bands. he wasn't encouraging bad CW ... he just was noticing that there are not enuff new folk learning. i am glad for QRP since we may be a big encouragement for CW to newcomers... we probably need to use more spectrum wisely so we won't all waiting our turn to use a few kHz around the QRP frequencies.

i guess i got to do my part in using some more spectrum!

Curt WB8YYY

--- ARDUJENSKI@aol.com wrote:
> I frequent the novice bands to find fellow slow
> brass pounders and have noted
> that these bands seem generally abandoned. It is too
> bad most QRP rigs are

> frequency limited because it might be nice to use
> these open airwaves. alan
> kb7mbi

Do You Yahoo!?
Get Yahoo! Mail Free email you can access from anywhere!
<http://mail.yahoo.com/>

Date: Fri, 21 Jul 2000 13:04:19 -0600
From: "Niel Skousen" <nskousen@scientechnology.com>
To: <qrp-l@lehigh.edu>
Subject: [75568] WTB: 2m HT
Message-ID: <001601bfff346\$7a97eb20\$f91a0a0a@scientechnology.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

I'm looking for an older 2m HT for a friend getting back into HR. I just got him a Wilderness/Norcal 40A for QRP HF. This should round things out for him. Hoping to find something reasonably capable in the \$125 range. Please reply directly if you might have something for me to consider ;-)

TNX
Niel

Date: Fri, 21 Jul 2000 13:09:38 -0700
From: Jerry Parker <jparker@fix.net>
To: qrp-l@LeHigh.edu
Subject: [75569] NorCal's July Meeting Report
Message-ID: <2.2.32.20000721200938.01219928@fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Mike Gipe K1MG did a super job of doing up a
report for us on the July Meeting.

Sooooooooo, it is up for your viewing pleasure.

The Pictures Mike took are GREAT.

Check them out:

<http://www.fix.net/norcal.html>

Enjoy,,,72,,,Jerry...WA6OWR...k

Date: Fri, 21 Jul 2000 14:41:51 -0500
From: "Kevin Muenzler, WB5RUE" <wb5rue@stic.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [75570] RE: RAMBLINGS: Novice Frequencies
Message-ID: <000201bff34b\$b850c0e0\$ef5d6f81@v8.uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Some of my best and "rarest" DX has come about in the novice bands.

...such as TI9X, WA5FHY/MM (south China Sea), Canary Islands, Liberia, Canal Zone (back before we gave it away!)

Besides, most Novices and such like to QSO and you get more than HELLO, UR 599 73 CUL....

73/72
Kevin, WB5RUE

Date: Fri, 21 Jul 2000 13:01:15 -0700 (PDT)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [75571] F00MOT with 35mW
Message-ID: <20000721200115.425.qmail@web703.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Just worked French Polynesia on 10M 28.038 with my K2 running 35mW, to my 2 el quad at 70ft.

I was using the club call NQ5RP, as I had just worked him a few min earlier on my regular call KJ5TF running 400mW. But I hadn't taken time to rotate the little beam to the SW, it was pointed to the SE !
Not too bad, 400mW pointed sideways to the DX stn! hi

When I had the beam moved, I set the 290 attenuator for 35mW as measured on my WM-2 QRP wattmeter.

Lets see, $5181 \text{ miles} / .035 = 148,000 \text{ miles per watt}$. No worlds record, but still good fun!

Jim KJ5TF
"All milliwatts, All the time"

=====

<http://www.madisoncounty.net/~kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
Join/renew membership QRP Amateur Radio Club International
<http://www.qrparci.org/arcijoin.html>
AR QRP#2 - Kingston, Arkansas 35.94N 93.47W
Private email kj5tf@madisoncounty.net

Do You Yahoo!?
Get Yahoo! Mail Free email you can access from anywhere!
<http://mail.yahoo.com/>

Date: Fri, 21 Jul 2000 13:31:39 -0700
From: Jerry Parker <jparker@fix.net>
To: qrp-1@LeHigh.edu
Subject: [75572] Ft. Tuthill
Message-ID: <2.2.32.20000721203139.0120fd70@fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Amanda, Jimmy and I are looking to seeing many of you at Ft. Tuthill next week.

We have 80 plus registered already!

If you haven't registered yet please do so with myself and Bob Hightower so we can get your badge made up. We also

need to know if your camping or not.

Email your preregistration to:
jparker@fix.net and nk7m@extremezone.com

If you like you can check out the goings on at:

<http://www.fix.net/jparker/norcal/fttuthill/2000/tuthill.htm>

You can see last years happenings at:

<http://www.fix.net/~jparker/norcal/fttuthill/tuthill.htm>

These Arizona ScQRPIONS sure know how to put on a GREAT QRP get together with a unique flavor. If your interested in QRP and whats coming in the next year you have to be there!

We will C U There!

72,,,Amanda, Jimmy and Jerry/WA6OWR...k

Date: Fri, 21 Jul 2000 13:02:27 -0700 (PDT)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-1@lehigh.edu>
Subject: [75573] Re: This has got to be the worst solar cycle!
Message-ID: <20000721200227.13573.qmail@web123.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Jeff <fantbb@yahoo.com> wrote:
> I can't believe I couldn't wait until this solar cycle rolled around.
> It's terrible!
>
> A frustrated ham I am

Well maybe I am not so frustrated after all. I was on 20 meters last night around midnite and heard a bunch of signals. Ended up working T88YE on Belau Island for a new one.
Maybe the band hadn't woken up yet just like I wasn't really awake when I flipped on the radio. 8-)

Jeff

=====

Jeff Jones
AB6MB
NorCal QRP Club #65, QRP-L #1780, ARCI 10071
Radical FIST Member 6798
Voicemail/Fax 1-888-Excite2 ext 925-439-2514
ICQ 62450117

Do You Yahoo!?
Get Yahoo! Mail Free email you can access from anywhere!
<http://mail.yahoo.com/>

Date: Fri, 21 Jul 2000 16:08:09 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: K1DXradio@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [75574] Re: OT: QST Index
Message-ID: <3978ADA9.66F1@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

George,

Has it ever occurred to you that they didn't write the software in question? I don't doubt that the system has flaws, but the writer was not ARRL. They are a big improvement over having to look through 55 years of printed pages! Complain to the writer!

73

Date: Fri, 21 Jul 2000 16:09:01 -0700
From: "Dave Benson" <nn1g@earthlink.net>
To: "Terry Bassett" <mutabut@net66.com>
Cc: <qrp-l@lehigh.edu>

Subject: [75575] Re: Problem with SW40+
Message-ID: <000d01bfff368\$d7bd02a0\$db96173f@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks, Terry- that helps. That is indeed a birdy, the 9th harmonic of the LO (at 3.111 Mhz) and the 7th harmonic of the IF (4Mhz)- a 28 Mhz product.

I have IF crystals for a slightly different frequency- 32 Khz higher. We can eliminate* the birdy by having you remove the existing five crystals and re-installing new ones. You would then need to re-do the C7 selection (i.e., the frequency alignment) to compensate for the shift. Let me know if you want to proceed with this, otherwise I can provide you with the two component-add information.

73- Dave, NN1G

* "eliminate" means the birdy is moved out of the Novice band and plopped down elsewhere.

-----Original Message-----

From: Terry Bassett <mutabut@net66.com>
To: Dave Benson <nn1g@earthlink.net>
Date: Friday, July 21, 2000 11:05 AM
Subject: Re: Problem with SW40+

>Hello Dave,

>

> I just realized that I didn't answer
>one of your questions in this mornings
>email. The rig is set up for approx.
>7.103 to 7.130. The noise is at 7.110.

Date: Fri, 21 Jul 2000 15:23:11 -0500 (CDT)
From: ac5ez@webtv.net (K1zw)
To: qrp-l@lehigh.edu
Subject: [75576] qso
Message-ID: <18991-3978B12F-1383@storefull-116.iap.bryant.webtv.net>

Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

Nice qso with n5loo in ark. Not dx but fun for a mfj 9040 at 3 watts to a dipole. Nice to knw that I can run the qrp rig off a wall wart.

K1zw
Texas

Date: Fri, 21 Jul 2000 16:33:09 -0400
From: Ron Majewski <majewski@erim-int.com>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [75577] FOX: W8RU Summer Fox on 23 July, 2000utc
Message-ID: <3978B385.C81F68E6@erim-int.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello to all,

My name is Ron (W8RU) and I have the honor of being one of the summer Foxes. I'll be on 20m starting at 2000utc this Sunday, 23 July. I will be at 14.060 +/- activity at the time.

My station is located in Milford, Michigan on the NW side of Detroit (EN82). I will be running 5w to a 2 element yagi at 70ft. I plan to rotate the yagi around now and again to make sure I'm covering all directions. I have a 250Hz CW filter plus an outboard DSP so my receive window can get pretty narrow. :)

I intend to make liberal use of my RIT to help pull as many of you out of the pile as I possibly can. Past hounds have sent me tables of my RIT "pattern." While it was not totally random you certainly had to wonder what was going on at my station. In general I tend to pick one side of the pile and slowly slide away from my transmit frequency QSO-by-QSO, then jump to the other side and do the same. In the past I haven't had enough brainpower to handle tail-enders.

Good luck to all of you and I hope to hear you on Sunday, 23 July!

72/3,

Ron (W8RU).

majewski@erim-int.com

Date: Fri, 21 Jul 2000 13:35:54 -0700
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [75578] Re: Bisquare vs Delta Loop?
Message-ID: <001a01bff353\$71350b00\$4dd2fc9e@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Paul

One other thing I haven't seen anyone else mention.
When you use the bisquare open at the top, it is vertically polarized. This gives you low angle radiation compared to a dipole at the midway height of the antenna.
When you close the loop at the top and feed at the bottom, you now have a horizontally polarized loop antenna, with an effective height of the midpoint again. Generally this gives a very high angle takeoff.
You might put these differences to your advantage.
73, Bob N6WG

Date: Fri, 21 Jul 2000 13:39:50 -0700
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [75579] Re: Bisquare vs Delta Loop?
Message-ID: <001e01bff353\$d1e145e0\$4dd2fc9e@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Paul

Another thought about the relay you might use to close the top of the loop. You could use the antenna wires themselves to carry current to the relay windings. Use rf chokes at the top to keep the relay from loading the antenna. Use a relay with two sets of contacts and wire them in series, as you will be at a point of high rf voltage. A weatherproof container will also be necessary.
73, Bob N6WG

Date: Fri, 21 Jul 2000 16:38:39 -0400
From: Rick Sealey <rsealey@InfoAve.Net>
To: qrp-1@lehigh.edu
Subject: [75580] Re: RAMBLINGS: Novic Frequencies
Message-ID: <4.1.20000721163307.00997680@mail.infoave.net>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

I'm no speed demon, myself, and interesting, it seems to me, that since
licence restructuring I've heard a fair amount of relatively slow CW CQ's
and QSO's in the vicinity of 14030 to 14045 KHz. Kind of nice to hear.

Rick - W4SEA
High Point, NC

At 02:02 PM 07/21/2000 -0400, you wrote:
>I frequent the novice bands to find fellow slow brass pounders and have noted
>that these bands seem generally abandoned. It is too bad most QRP rigs are
>frequency limited because it might be nice to use these open airwaves. alan
>kb7mbi

Date: Fri, 21 Jul 2000 13:47:25 -0700
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [75581] RE: Hot Dawgggg!! Wheehaaaaah! #100!!!
Message-ID: <002201bff354\$e0f331a0\$4dd2fc9e@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Congratulations, Ade. Really neat accomplishment.
Now, go to the effort of applying for your DXCC award.
I still have 135 DXCC QSLs in a box from my effort in the mid 60s.
Guess who still hasn't applied for the award?
72, Bob N6WG

Date: Fri, 21 Jul 2000 20:56:56 +0100
From: Larry S Cahoon <wd3p@juno.com>
To: eleccraft@qth.net, qrp-1@Lehigh.EDU
Subject: [75582] Using Spectrogram
Message-ID: <20000721.205705.-351267.1.wd3p@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

HI Gang,

I have seen the following type of statement several times in regards to using Spectrogram.

>I have used Spectrogram several times to set the filters, but never had
>been quite satisfied with the results. It's a bit hard to get it just
right
>when using an on-air signal.

So I thought I'd toss into the mix what I do with it. I've had very satisfactory results. It does require the use of a second rig. So here is the process.

1. I have the sidetone on the K2 set at 700 Hz and the sidetone on the TS-570s set at 800 Hz. These are simply my preferences. Pick what you want.
2. Hook up Spectrogram to the TS-570s.
3. Transmit from the K2 into a dummy load and zero beat the signal on the TS-570s. This is real easy with Spectrogram hooked up to the TS-570s as I only have to match the 800 Hz signal. So even if the VFO calibration is off a bit on either rig you get the right setting. Plus, I'm not going to be off by 50 Hz because I can't hear the tone just right. I've always had problems with the OHR instructions to adjust to a nice mellow 800 hz tone.
4. Now switch over so that Spectrogram is hooked up to the K2. Don't change the frequency setting on either rig.
5. Transmit from the TS-570s into a dummy load and proceed to adjust the filters on the K2 so that they are centered on the 700 Hz signal.

The only critical feature is that you have to be sure that the offset on the reference rig, in my case the TS 570s is correct. I used the same basic idea last week to readjust the offset and BFO on my OHR 100A and am much happier with the results. You can use the idea to adjust the DSW rigs as well. In fact I suspect there are few rigs that you could not

improve the alignment of with Spectrogram. The key in setting the offset/filters or whatever is that when you are done you should be able to fix the VFO on both rigs and get the correct tone in each rig when transmitting from the other rig. You check the sidetone with Spectrogram.

73/72 de Larry.....WD3P in MD

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 21 Jul 2000 14:02:02 -0700 (PDT)

From: Jeff <fantbb@yahoo.com>

To: qrp qrp <qrp-l@lehigh.edu>

Subject: [75583] Autek RF-1 for sale

Message-ID: <20000721210202.8787.qmail@web119.yahoomail.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

I have a Autek RF-1 for sale for \$85. The only hitch is the on/off switch is a little flaky. Autek said they had a new on/off switch for \$2 if I wanted to order one.

I want to get the it's big brother the RX analyst and don't want to bother with the switch. Hence the greatly reduced price. Great little unit!

73!

Jeff

=====

Jeff Jones

AB6MB

NorCal QRP Club #65, QRP-L #1780, ARCI 10071

Radical FIST Member 6798

Voicemail/Fax 1-888-Excite2 ext 925-439-2514

ICQ 62450117

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Date: Fri, 21 Jul 2000 17:10:00 -0400
From: "Tom Bowman" <tbowman@nbn.net>
To: <w1rfi@arrl.org>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [75584] RE: QST Index
Message-ID: <LPBBKNNCCFBPAKMPADLJAEHHEAAA.tbowman@nbn.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to Ed for the search engine at the URL below. It works great and I will be buying more of the CD-ROMs now that Ed showed me a way to search them.

73,

Tom, WA3REY

>
> Give the search engine at:
>
> <http://www.arrl.org/members-only/qqnsearch.html>
>
> a try. The ARRL TIS has added keywords to many
> articles, so if you type in
> a subject word (look over the keyword list) and
> the year, it might make it
> easier to find.
>

Date: Fri, 21 Jul 2000 14:10:30 -0700
From: "Phinizy, William" <wphinizy@filenet.com>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [75585] Amateur Astronomy (Wa-a-a-a-y OT sort of)..
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F02BE5FAA@hq-expo2.filenet.com>

This post is about "amateur" and "homebrew" but *not* low power. I was heading to Fort Tuthill next week, and wondered who was attending there that was also interested in amateur astronomy? I am particularly looking at amateur telescope making. I just got interested in astronomy and, of course, got hooked by the homebrew aspect of it.

Any pointers, suggestions, links, etc. (off-line, of course) would be greatly appreciated. My apologies for the bandwidth.

W. H. Phinizy, K6WHP
Principal Engineer
FileNET Corporation

Date: Fri, 21 Jul 2000 17:18:08 -0400
From: Pete Burbank <plburbank@kih.net>
To: "Wilford D. Lindsey" <70511.3041@compuserve.com>
Cc: <qrp-1@lehigh.EDU>
Subject: [75586] Re: Fox QRM
Message-ID: <3.0.32.20000721171804.00a14f04@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 02:35 PM 7/21/00 -0400, Wilford D. Lindsey wrote:

>Pete:

>

>This is what I kept talking about ahead of my hunt, and why I finally
>settle on a QRG well below both 14058 and 14060--I wanted to avoid known
>frequencies. IE, why use the QRP *calling* frequency for a contest? IE,
>why set up on known/customary counter hunters or other net frequencies.

>

>Perhaps we should go back to avoiding 14060 altogether. And BTW, we should
>plan to be on the low side, as above 14060 can be a maelstrom of QRM,
>digital, RTTY, etc.

>

>Just a few of my thoughts on the subject... I am FISTS #3868, also.

>

>72/73,

>--W.D. (Doc) Lindsey

> DSBF

> PO Box 6028

> Bismarck, ND 58506

> (Shipping = DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)

> E-Mail = K0EVZ@arrl.net

Good thinking Doc(as usual HI!). Yes 14060 is not too hospitable
being squeezed between the digi-ritty sigs and the QRO fist folks.
Let's move down to 14050 or so.

The good news is that the FCC has started the CORES to go along
with the ULS. I can't wait to get in that database!!!! Your
tax dollar at work....I better shut up b4 Cla zaps me.HI!
How about the fortuitus amateur radio tech society or
FARTS for short with a gruesome website where nothing works.

Sorry to be in a bad mood, my Mom had a stroke yesterday.
She got rapid care and is lucid and on her feet...thank God.

Life is good
73 Pete NV4V

Date: Fri, 21 Jul 2000 14:25:14 -0700
From: Bob Hightower <nk7m@extremezone.com>
To: "Darren Zimmerman" <kl0pe@hotmail.com>
Cc: elecrafft@qth.net, qrp-1@lehigh.edu, azqrp@extremezone.com
Subject: [75587] Re: [Elecrafft] Re: Noise Generator
Message-ID: <200007212121.0AA14494@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 04:41 PM 7/21/2000 +0000, you wrote:
>Will this noise generator only be available as a kit, or are specs and
>schematics available for those of us who may wish to brew up this sucker at
>home?
>

The AZ ScQRPions are kitting it now, but you can get the specs from Tom's
page <http://home.earthlink.net/~n0ss>

We'll be ready to ship in about a week...10 bux.

Bob Hightower NK7M
Chandler, AZ
SOC #20
K2 #157/255

<http://www.extremezone.com/~nk7m>

Date: Fri, 21 Jul 2000 21:35:31 +0100
From: "Larry Wise" <lewise@txwises.com>
To: "qrp" <qrp-1@lehigh.edu>
Subject: [75588] plcc 28 pin socket pin info - where?
Message-ID: <200007212137.QAA62715@aoot.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Can anyone point me to a diagram which will show the relationship between the PLCC chip pin numbers and the through hole socket pin locations? 28 pin version.

Larry KA5T
Georgetown Texas

Date: Fri, 21 Jul 2000 14:39:28 -0700 (PDT)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-l@lehigh.edu>
Subject: [75589] Re: Autek RF-1 for sale SOLD!
Message-ID: <20000721213928.18307.qmail@web114.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Jeff <fantbb@yahoo.com> wrote:
> I have a Autek RF-1 for sale for \$85. The only hitch is the on/off
> switch is a little flaky. Autek said they had a new on/off switch for
> \$2 if I wanted to order one.
> I want to get the it's big brother the RX analyst and don't want to
> bother with the switch. Hence the greatly reduced price. Great little
> unit!

The unit has been sold.

Jeff

=====
Jeff Jones
AB6MB
NorCal QRP Club #65, QRP-L #1780, ARCI 10071
Radical FIST Member 6798
Voicemail/Fax 1-888-Excite2 ext 925-439-2514
ICQ 62450117

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Date: Fri, 21 Jul 2000 21:56:46 +0300

From: Arjen Raateland <Arjen.Raateland@vyh.fi>
To: plburbank@kih.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [75590] Re: Wattmeter thoughts
Message-ID: <39789CEE.A539D786@vyh.fi>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Pete Burbank wrote:

>

> I was curious why Peltier diodes are not used in wattmeters so
> mounted one in a diecast box with a heat sink on the back.

I don't know about that idea, but it has something to do with heat and so has the following RF power measurement idea. It is a simple DC bridge circuit to measure low-level RF power.

You need one glass-encapsulated NTC bead, which is the hard part :-)

Looking into the RF input of the circuit there are three resistors in parallel. One is the NTC. The other two are 150 Ohm fixed. At the far ends they are bypassed for RF. The NTC and one of the 150 Ohm resistors also make up one arm of a DC bridge circuit. The second 150 Ohm resistor is in the null detector leg, i.e. in series with the microA null meter for bridge balance.

Complete the bridge circuit with two other resistors of equal value.

Supply the bridge with a variable DC voltage (series pot or finely adjustable supply). Vary the bridge supply until you find the null. The NTC heats up from the DC current in the bridge arm and will reach 150 Ohm at a certain supply current, which is when the bridge is balanced. Note the DC current.

Now supply a little RF to the RF input. This is dissipated in the three resistors (2x150 Ohm fixed and the NTC also at 150 Ohm in parallel, hence the total input resistance for RF is 50 Ohm). Readjust DC supply downwards until new null found. Note the new, lower DC current.

Do the math. Slow, but should be good for mW's and less.

Disclaimer: I didn't invent this.

73,

--

Arjen Raateland
SAS Support

Finnish Environment Institute, Helsinki

AX.25: OH2ZAZ@OH2RBI.FIN.EU

Date: Fri, 21 Jul 2000 15:36:46 -0700
From: Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [75591] Elecraft K1 Internal Pictures
Message-ID: <3978D07E.C4F66A43@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mike Gipe's NorCal meeting report has some great pictures of the K1's innards.

The direct link is:
<http://www.fix.net/jparker/norcal/meetings/july2000/july12.htm>

73, Eric

--
<http://www.elecraft.com>

Date: Fri, 21 Jul 2000 18:51:38 EDT
From: Mercxx@aol.com
To: qrp-l@lehigh.edu
Subject: [75592] For sale Poquet PC Plus
Message-ID: <42.87bebfb.26aa2dfa@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Good evening,
For sale one each Poquet Pc plus Included is:
2 extra batteries
external battery charger
Power supply
Poquet 2400 baud modem
connectors
Manual
Asking 50.00 shipped anywhere in CONUS

72
Steve
N4TKp
QRP-L #1763

End of QRP-L Digest 1889

